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NATURE'S CHOICEST GEMS FOR YOUR GARDEN

Spring Catalog
**THE STORRS AND
HARRISON CO.**
PAINESVILLE, OHIO

1935



Columbia
New Cameo-Pink
PHLOX



Hardy Harward
New HARDY Carnation



Pink Cushion
NEW HARDY
Chrysanthemum



Mrs. Henry
Bowles.

The Countess and her Court

Countess Vandal

U.S. PLANT PATENT
No. 38.

A vigorous new Hybrid Tea Rose with attractive, long pointed, orange-copper buds. The flowers are large, double, high centered, and have a rich fragrance. The color is brilliant pink lightened with salmon. The blooms are borne singly, on long stems. Leathery, dark green foliage. It won the Toronto Rose Society Gold Medal. Countess Vandal surely deserves all the good things said of it, and stands out supreme among its contemporaries.

\$1.00 each

Countess Vandal

Protected by
U.S. PLANT PATENT
No. 38

THE COUNTESS

\$1.00

THE COURT

\$3.00

THIS PAGE

\$4.00

Postpaid

Olympiad.

THE COURT of the COUNTESS

We have selected from among many candidates four distinctive Roses to serve as foils and congenial attendants in the Court of the Countess.

We believe you will appreciate our choice and will be glad to invite the group into your garden. These form
The Court:

MRS. HENRY BOWLES

Brilliant clear pink.
80c each. See page 60.

McGREY'S SCARLET

Scarlet tipped crimson.
80c each. See page 60.

GOLDEN PERNET

Deep golden yellow.
80c each. See page 60.

OLYMPIAD

Oriental red and gold.
\$1.00 each. See page 60.

4 COURT GROUP \$3
Postpaid for

McGredy's Scarlet.

[B]

Golden
Pernet.

The Storrs & Harrison Co.'s Catalog for Spring of 1935

81 YEARS of SERVICE

That is a long time for a business to be conducted continuously in one location, by the same organization of principles, policies and family interests. The principles of our foundation were based on the good old "Golden Rule." The continuing policy of Fair Dealing has maintained for us public confidence and friendliness. In good years, we prospered; in lean years, we got along. Now, in these genuine Hard Times, by grace of our standing and your friendly patronage, we are still doing business at the old stand. We thank you sincerely for your part.

This new spring catalog is, of course, somewhat similar to its recent predecessors. However, you may miss an oldtime item here and there as you turn the pages. They were deliberately dropped, to shorten varietal lists, and to make room for new things which new generations demand. These new items, you may note, are in greater proportion than those missing. We hope you will enjoy the four extra pages in color (8 color pages in all). Accurate color pictures do certainly help to explain. We have studied how to simplify price listings so that the reader may be spared confusion. We trust these readily apparent changes may prove helpful.

One important change in our merchandising policy is to be noted in the Evergreen section. We are abandoning the old style of digging and trying to transport safely, a ponderous "ball" of earth along with the roots. There is still a burlapped ball, yes; but instead of heavy soil, the filler is light, wet moss and excelsior. Now you can abandon the slow freight, for quick express delivery, at reasonable expense.

In all descriptions and terms, we have striven for simplicity, accuracy and candor. We really have a great many items not offered in this book; and larger sizes in trees and shrubs than are listed. Please advise us of your wants in unlisted items before seeking elsewhere; the chances are, we have it and can furnish.

THE STORRS & HARRISON CO.

TERMS



WHEN TO ORDER. As soon as this catalog reaches you, send in your complete order for seeds, plants and trees, with definite shipping instructions which we will follow as closely as possible. By ordering early, we are enabled to assemble possibly all of your list while supply is unbroken, and "set it aside" awaiting desired, or proper shipping time. Evergreens, caliper sized trees,

and any other items which must be fresh-dug, are, of course, subject to weather and general digging conditions.

HOW TO ORDER. Please use order sheet found in rear part of this catalog, carefully filling in black spaces and enclosing payment for full amount of order. Write very plainly or print name, post office, county, state, street and house number or R. F. D. where you get your mail; with explicit directions if stock is to be shipped to some other town. To avoid mistakes do not write letters on same sheets as orders.

REMITTANCES should be made by post office or express money order, bank draft or registered letter. Remittances in any other way are entirely at sender's risk.

ORDERS LESS THAN \$1.00. We cannot afford to fill orders of less amount than one dollar, unless, in addition to amount of order, ten cents is sent. This does not apply to Seed Orders.

SUBSTITUTION. We reserve the right in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with correct name)—unless the party ordering says "No Substituting," in which case we will fill order as completely as we can, and refund balance of remittance.

GENERAL TERMS. Net cash with order. No discounts allowed. **POSTPAID BY MAIL.** We deliver postpaid to any post office in the United States, any article in this catalog offered by mail. **BY EXPRESS OR FREIGHT** charges are not prepaid, but are collectible at destination. In the various classes, we will furnish 6 or more of one variety and size at dozen rates; 25 or more at 100 rates; 250 or more at 1000 rate if quoted.

SEASON OF SHIPPING. Orders for stock from the nursery will be shipped at the proper time for handling as soon as possible after order is received.

LATE SHIPMENTS. Our land is cooled and vegetation kept dormant by proximity to Lake Erie, several weeks later than other sections of corresponding latitude. This enables us to dig and ship stock in perfect condition after trees in most

other sections are in full leaf, and to supply the slowly warming points further north.

BY FREIGHT OR EXPRESS. Every article not specially priced "by mail postpaid," is priced for delivery by Freight or Express, packed free, but customer to pay transportation charges. All heavy trees in large quantities should be sent by freight if time is not too urgent, as the carrying charge is much less; and our perfect packing admits a long journey without injury to the trees.

BY EXPRESS (or Mail) ONLY. Strawberry plants are perishable and must be delivered in quickest time possible. We never ship them by freight. The slowness and uncertainty of freight service make its use very impracticable and unsafe for all Tender Plants and Perennials. If such stock is ordered shipped in this way, customer must assume entire risk of loss or damage.

OUR GUARANTY

All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified. Accept shipment, examine and count on receipt and notify us at once should there be any errors, and the carrier as well, if any damaged stock. This guarantee not good unless above requirements are complied with. We do not guarantee continued growth. Remember a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes, drinks and feeds, and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition.

THE STORRS & HARRISON CO.
Painesville, Ohio

NON-WARRANTY. While we hold ourselves in readiness, on proper proof, to replace free of charge all trees, etc., that may prove untrue to label, or refund the amount paid, we give no warranty expressed or implied as to description, quality, productiveness or any other matter of any Nursery stock, seeds, bulbs or plants we sell.

(Signed) THE STORRS & HARRISON CO.

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S. & H. SEED DEPARTMENT

81 YEARS OF SEED SERVICE

SEEDS are seeds the world over; tiny and insignificant, so that to the casual eye one looks as good as another. Only by testing under the alchemy of garden trial can one prove there is a difference in quality and productivity.

We distribute no showy store-cases. You get good fresh seed in fresh packets liberally filled.

Our Slogan

**BEST SEED FOR BIGGEST CROPS
MORE SEEDS PER PACKET**

24-Hour Delivery Service on All Seed Orders

FREE PACKETS

of good seed (our choice) to say "Thank You" included with seed orders.

POSTPAID PRICES

Prices on pkt., oz., ½ lb., lb., or 2 lbs., include free delivery.

On express orders, not prepaid, see general deduction rates in table below.

OUR GUARANTY OF GENUINENESS

We exercise great diligence and care to have all of our seeds true to name, and hold ourselves in readiness, on proper proof, to replace free of charge, all seed that may prove untrue to name, or refund the amount paid. It is, however, mutually understood and agreed to between the purchaser and ourselves, that our guaranty of genuineness shall in no case make us liable for any sum greater than that originally received for the seeds that proved untrue.

(Signed) The Storrs & Harrison Co.

RELIABLE VEGETABLE SEED

Days Required from Seed to Harvest are Noted in Figures.

ASPARAGUS SEED



CULTURE. Seed of Asparagus should be sown early in the spring, in drills 2 inches deep. When seedlings are 1 or 2 years old, transplant (for the family garden) 12 to 18 inches apart in the row, and cover crowns to a depth of 2 inches. For commercial usage plant in rows 4 to 5 feet apart, placing crowns 8 to 10 inches apart in the row. One ounce to 50 feet of drill.

Mary Washington and Washington Pedigreed.

Both: Pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Roots of Asparagus are offered on page 96.

BEANS. See page 2.

Deduct

If shipped by

EXPRESS DEDUCT

from listed mail prices, as follows:

1-2 lb., 5c
1 lb., 10c
2 lbs., 20c
5 lbs., 25c
10 lbs., 50c



BEETS FOR TABLE USE

CULTURE. Sow early in drills 12 to 18 inches for hand culture, to 2½ feet for horse cultivation; cover to a depth of 1 to 2 inches. One ounce to 60 feet of drill; 5 to 6 pounds per acre.

Crimson Globe. (45 days). Globe shape, with a smooth dark red skin and small tap root. The interior is a rich deep crimson, fine grained in texture. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

Crosby's Egyptian. (40 days). Improved type. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Detroit Dark Red. (50 days). Globular; smooth, dark blood red; flesh bright, tender, sweet. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.35.

Early Model. (45 days). Perfect globe shape, fine quality; smooth, deep blood red. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Eclipse. (45 days). Fine quality, smooth, round, skin and flesh red, fine grained and sweet. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

Early Wonder. (40 days). Suitable for either spring or fall sowing. Globe shaped, deep red. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Good For All. (50 days). New. Uniform globe, smooth, small collar and tap root; crimson interior. For pickling whole, select 1½-inch size. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Swiss Chard Lucullus (50 days). The plants grow to a height of 2 to 2½ feet. The stalks are heavily ribbed and from 10 to 12 inches long below the leaf; are delicious when cooked and served in the same manner as Asparagus. The leaves are large, heavily crumpled or "savoyed," crisply tender and of fine flavor. The leafy portion of the foliage is cooked and served in the same manner as Spinach.

Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.



Sugar Beets and Mangels for Stock Feeding

Thin to 8 to 12 inches in the row. Thorough and frequent cultivation is essential when young, but discontinue as soon as the roots mature, indicated by drying of leaves. Store in earth-covered heaps.

Giant Half Sugar Rose. (95 days). White, with a rosy top; flesh pure white.

Golden Tankard. (95 days). Golden fleshed, roots half long.

Klein Wanzleben. (65 days). A large yielder, grown for sugar, and winter food for cows.

Mammoth Long Red. (115 days).

MAIL PRICE: Oz. 10c; ¼ lb. 25c; lb. 75c; 5 lbs. \$3.50; 10 lbs. \$6.50.

BROCCOLI

Italian Green Sprouting (90 days).

It forms a large head consisting of a cluster of bluish green flower-heads. When this central head is removed the plant develops numerous lateral sprouts, each of which produces a small head. These are cut, leaving about 6 inches of the stem, and are tied in bunches for market. Both stems and heads are cooked and served like Cauliflower.

Pkt. 10c; ¼ oz. 15c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.35.

BEANS

All Pkts.,
10c.

CULTURE. A light loam is best. Plant as soon as the ground has become thoroughly warm, in rows from 2 feet for hand cultivation, to 3 feet apart for horse cultivation, and every 2 weeks for a succession. Cultivate thoroughly and often, keeping a mulch of loose soil at all times but when in bloom, cultivate shallow, as deep cultivation at this time causes many blossoms to drop, decreasing the yield. One pound for 100 feet of row, 45 to 100 pounds per acre.

MAIL PRICE OF ALL EXCEPT FIELD BEANS

1/2 lb.	Lb.	2 lbs.	5 lbs.	10 lbs.
\$0.25	\$0.40	\$0.75	\$1.50	\$2.80
15 lbs. or more by express or freight, not prepaid, at 20c per lb.				

Green Podded Bush

Dwarf Horticultural. (Roman Bean). (40 days). Curved pods of medium length, with carmine splashes on the successively green to yellow skin. The mottled beans are fair-sized, tender, of fine flavor, equally good as snaps, shelled or dried.

Early Bountiful. (42 days). Vigorous plants, practically rust and mildew proof. One of the very first, and among the latest to quit production. Pods uniform, extra long, broad, meaty although flat, absolutely stringless and continuously brittle.

Full Measure.

(45 days). The fine stringless green pod is about 6 inches long; straight, round, and very fleshy; exceedingly productive.

Stringless Green Pod.

(40 days). An abundance of 6-inch round pods of super-excellent eating quality and stringlessness, with an extra long bearing season, which makes it very desirable

for the small garden. Seed dark brown.

Yellow Pod or Wax Bush

Dwarf Unrivalled Wax. (30 days). Notable as the earliest Wax Pod Bean; transparent yellow from base to tip, without blemish. The

6-inch pod is nearly straight with curving tip. An extremely heavy cropper noticeably free from rust and blight, the beans of excellent flavor, in pods of long-season tenderness.

Early Wonder Wax. (35 days). Bears bountifully during a long season, apparently regardless of whether it is wet or dry. Makes a strong plant 18 inches high with even greater spread, always well set with pods 5 to 7 inches long. These are flat, plump, meaty, and of a tender brittleness; their clear yellow color seldom scarred by rust.

Improved Golden Wax. (40 days). Pods are of good length, oval and thick, entirely stringless; clear, waxy, golden yellow, with fine buttery flavor.

Pencil Pod Black Wax. (40 days). Extremely prolific, of true bush form, maturing early; beans measure 6 to 8 inches long, slightly curved; pencil thick; brittle, stringless; golden.

Round Pod Kidney Wax (Brittle Wax). (40 days). Free from disease, with an abundance of large, lemon yellow, fleshy pods which hang thickly on the plants; fine flavor, stringless, free from rust.

Wardwell's Kidney Wax. (48 days). Very popular; the large size of the pods making it especially desirable. The strong vines yield abundantly, pods long, flat, broad, brittle, of a delicate waxy yellow color.

Bush Lima Beans

Equal to pole varieties in size. Plant in 3-ft. rows, 4 inches apart; or in hills, 2 feet apart in the row.

Burpee Improved Bush Lima (75 days). Excellent flavored beans, borne on large vigorous plants. Extremely prolific, hanging in enormous clusters. Pods contain from 4 to 6 beans of greenish color.

Fordhook Bush Lima (75 days). Makes an ideal bushy growth with stiffly erect stems and branches. An enormous bearer of plump well-filled pods which are borne in clusters of 4 to 6, all ready for use at the same time. Beans are large, thick, greenish, of most excellent quality.



Kentucky Wonder.

Pole Lima Beans

Liable to rot if it is cold and wet, must be planted the last of May or first week in June, about 1 inch deep, with the eye down. Set poles 3 feet apart at time of sowing. Be liberal with seed, but thin to 3 or 4 plants.

Carpinteria. (75 days). 3 to 5 large, meaty beans to the pod; fine flavor and quality, retain their green color.

Early Leviathan. (75 days). Pods contain 3 to 4 large tender beans of the best quality and fine flavor.

Giant Podded. (90 days). A prodigious cropper, with great clusters of well-filled pods.

King of the Garden. (85 days). A vigorous grower, bearing large beans profusely.

Running Beans

Plant 10th to 15th of May in this latitude; poles 4 feet apart each way; 6 to 8 beans around them; when well started, thin to 3 plants to hill.

Old Homestead or "Kentucky Wonder." (65 days). Enormously productive; green-podded of varying length, but in best state at 7 to 8 inches.

Ky. Wonder Wax (50 days). Straight, thick, meaty, light yellow pods 8 to 9 inches long; brittle, delightfully flavored.

FIELD BEANS

MAIL PRICE: 1/2 lb. 20c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.15; 10 lbs. \$2.10. EX-PRESS (not prepaid): 15 lbs. or more @ 16c per lb.

Navy. (60 days). A sure cropper, productive, best quality. Dry beans, small, oval, white; green podded.

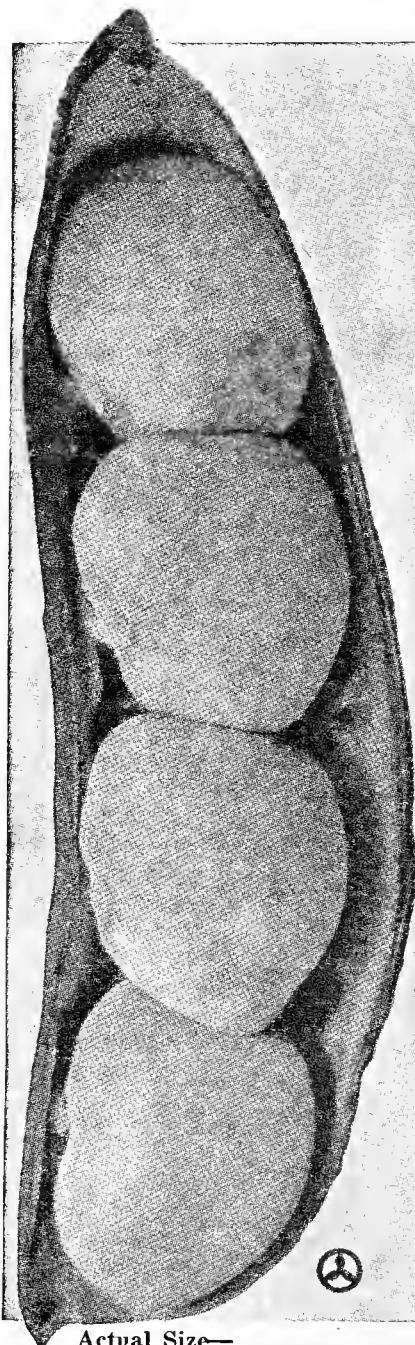
Red Kidney. (60 days). Large flat pods well-filled.

White Kidney. (60 days). Pure white beans even larger than Marrowfat.

White Marrow. (60 days). Heavily grown for winter use. Twice the size of Navy.

INOCULATE WITH NITRAGIN

Increase your crops of Garden Beans, Peas and all legumes by inoculating seed with Nitragin. **25c**



Actual Size—
Fordhook Bush Lima.

BRUSSELS SPROUTS

Highly esteemed for boiling during the late fall and winter months. The sprouts resemble miniature Cabbages, growing closely to the stalk of the plant, being produced in abundance from tip to ground level. Quality and flavor much improved by frost. Seed should be sown thinly in drills early in June, the plants reset when 6 inches high into rows 3 to 4 feet apart, 18 to 24 inches apart in the row.

Improved Dwarf. (125 days). The very best Long Island grown seed. Grows 1½ feet high, and is very productive. Pkt. 10c; ½ oz. 20c; oz. 30c; ¼ lb. 85c.

CABBAGE

CULTURE. The early varieties should be sown very early in the spring in hotbed or later in open ground. Plant out 18 inches by 2 feet apart. The late varieties are usually sown by the last of May and the plants set out in July, in rows 3 feet apart and 2 feet apart in the rows. One ounce will produce 3000 plants. One-quarter pound of seed in beds, enough for an acre.



The Prolific Danish Ball Head.

All Seasons. (95 days). The heads are extremely hard and solid; flattened on top; as good for winter as for summer. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

American Drumhead Savoy. (110 days). The Savoys excel all other cabbages in flavor, and this is the best of them. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

Copenhagen Market. (75 days). Produces magnificent heads similar to Danish Ball Head, weighing from 8 to 10 pounds. Pkt. 10c; ½ oz. 15c; oz. 30c; ¼ lb. 85c; lb. \$2.50.

Danish Ball Head (110 days). Dutch Winter or Hollander. The heads are of medium size, solid and deep, averaging nearly 8 pounds. Quality unsurpassed, just as solid in spring as when put away. Pkt. 10c; ½ oz. 15c; oz. 30c; ¼ lb. 85c; lb. \$2.50.

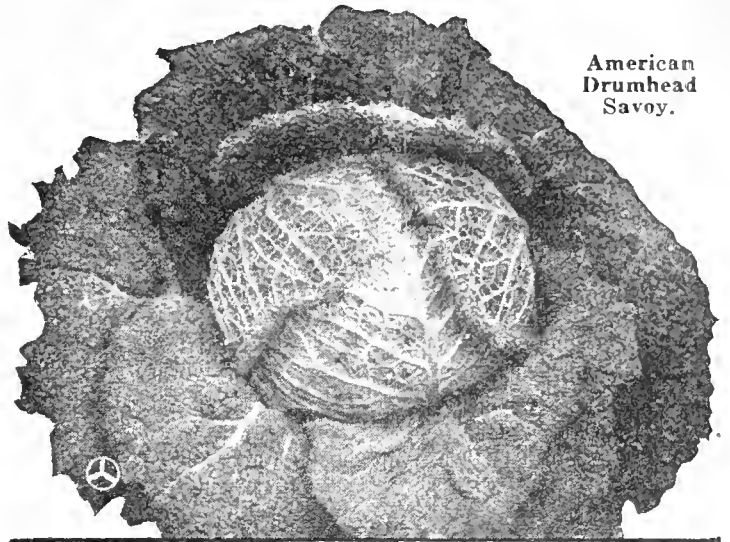
Early Jersey Wakefield. (75 days). This is the hardest heading and most dependable of the extra early sorts. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

Golden Acre (65 days). A recent Danish introduction, valuable for extra hardiness; extreme earliness; uniform in size and development, with the desirable firmness of later sorts. Round heads of medium size. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

Mammoth Rock Red. (110 days). By far the best, largest and hardest heading Red Cabbage ever introduced. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

Premium Flat Dutch. (110 days). Dependable for late use. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

Sure Head. (100 days). Makes a solid large head, with few outer leaves. Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 65c; lb. \$2.00.



American Drumhead Savoy.

CHINESE CABBAGE

CULTURE. For early use sow in hotbed in February or March. When 4 inches high transplant, if the weather is suitable, 1 foot apart in 2½-ft. rows. For late or main crops, sow in August or early September.

Pe Tsai While not a Cabbage, it is closely related, both belonging to the Brassica family. When well grown, makes a head 15 inches long and 4 to 5 inches in diameter, blanching to a beautiful white. May be eaten as a salad or is delicious when cooked like cabbages. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 75c.

CARROT

CULTURE. Cover the seed about ½ inch, pressing the soil firmly. Sow as early in spring as the ground can be worked; and for late crop from May 1st to June 1st, in drills 15 inches apart. Thin to 3 or 4 inches apart in row. 2½ pounds of seed will sow an acre, or 1 ounce to 200 feet of drill.

Chantenay (60 days). Uniform shape, intermediate in size, deep golden orange; fine for table use. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.25.

Red Cored Chantenay (60 days). Combining into one all characteristics of Chantenay, with the advantages attributed to Nantes, the deep orange heart is the same as the flesh, and does not turn yellow when cooked. The roots are uniform, with small tap roots and small collars. Tops short, foliage fine-cut but firm and substantial for bunching. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Danvers. (75 days). Smooth, good size; one of the best for stock. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.25.

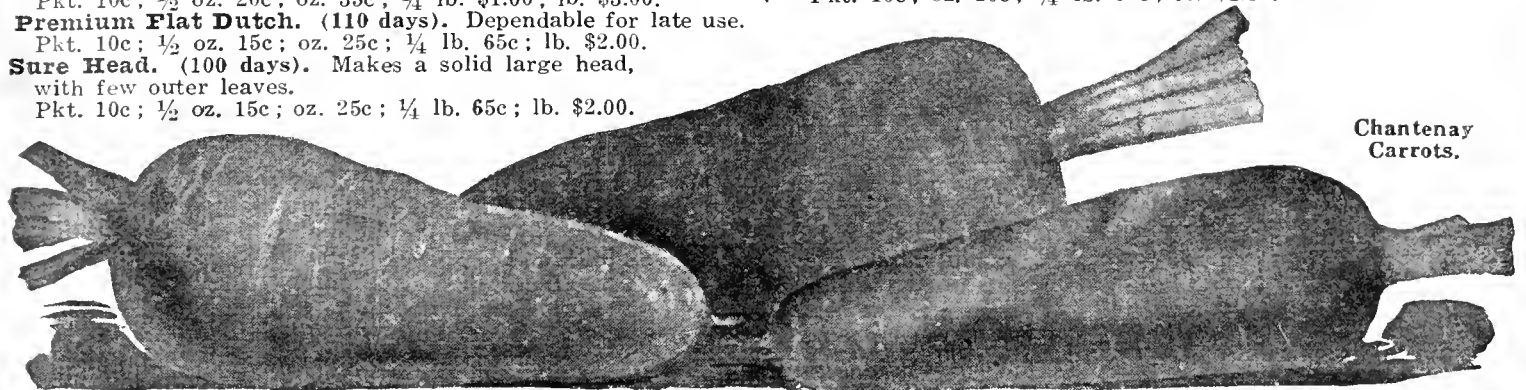
Imperator (75 days). A recent introduction. An outstanding type both for market and for shipping. Tops medium but strong, enough for good bunching. Roots have sloping shoulders, tapered to a semi-blunt end. Smooth deep rich orange throughout; fine grained, and tender. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Improved Long Orange. (75 days). A long variety. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

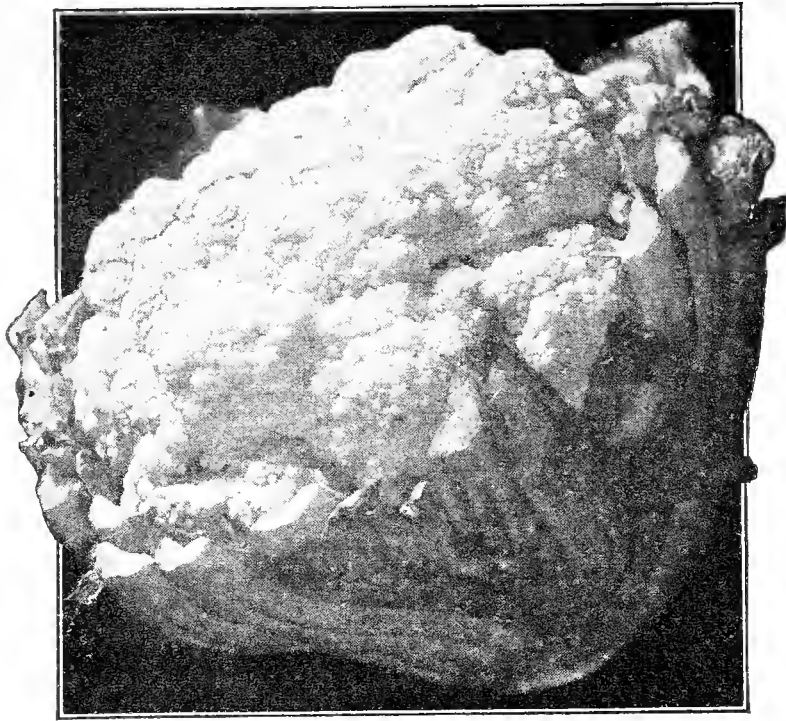
Improved Nantes. (65 days). Half-long, almost cylindrical, blunt end and very small tap root. Flesh fine grained, with very little core, both smooth skin and flesh deep orange. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Ox Heart. (75 days). A variety good either for family use or market, and profitable for feeding. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

Pride of Denmark This new Carrot from Denmark is immensely productive, 6 to 8 inches long, uniformly thick, an attractive deep orange color which continues all the way through; quality unsurpassed. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.



Chantenay Carrots.



Early Snowball Cauliflower.

CAULIFLOWER

CULTURE. Cauliflower are partial to a rich fibrous loam well charged with humus. An occasional light dressing of nitrate of soda and potash is beneficial. Make the soil as fine as possible for every transplanting, and do not allow the young plants to become checked at any time for want of water. For spring and early summer use, sow in January or February in hotbed, and transplant to coldframes 2 or 3 inches apart, when sufficiently large; and to the garden 24 to 30 inches each way, as soon as the ground is warm enough. For late autumn crops sow in the early part of June, and transplant in July. When the heads are formed, tie the leaves up over them to blanch.

Danish Giant or Dry Weather. (70 days). A large variety and a splendid drought resister. Heads are large and while not so close as Snowball or Erfurt it makes a splendid pickling type. Sure header even in dry weather.

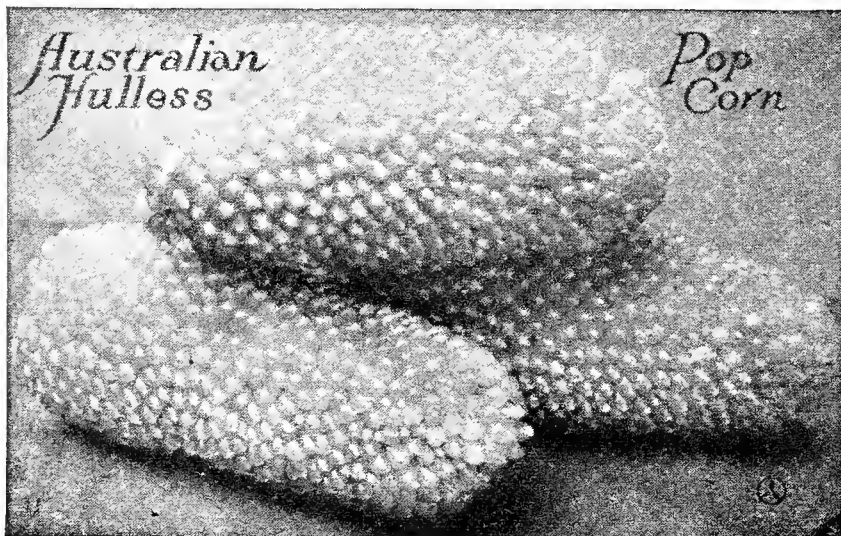
Early Snowball. (60 days). Very early, and one of the surest to head. If seed is sown March 1st, large-sized heads will be produced early in June. Its dwarf habit of growth renders it one of the best for forcing under glass. Valuable for late planting also.

Both kinds: Pkt., 15c; $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 75c; oz., \$1.50.

CELERY

3000 to 5000 plants from 1 ounce of seed.

CULTURE. Sow in open ground as soon as the soil can be perfectly worked; roll or firm the lightly covering soil to retain moisture, as the seed is slow to germinate. Sowing in



rows 10 to 12 inches apart is preferable to broadcasting; this means allowing cultivation to be kept up. Transplant in July to a previously prepared bed made considerably richer than seed bed, 6 to 8 inches apart in the row. Single rows should be 4 feet apart, but twin-rows 10 inches apart (doubling returns with the same labor) should skip 6 feet.

Columbia. (110 days). An early maturing sort, of medium height but very stocky and heavy, the foliage a distinct light green tinged yellow. The stalks are thick, almost round, a rich yellow tint, unsurpassed in quality.
Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 40c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

Celeriac, Giant Prague. (125 days). The root is turnip-shaped, sweet and tender, and may be cooked like Turnips or eaten like Radishes; used largely for seasoning meats and soups.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 75c.

Golden Self-Blanching. (110 days). Rarely, if ever, pithy; and of a rich golden yellow color, self-blanching. Our seed is genuine French grown, of finest quality, in greatest demand among market gardeners.

Pkt. 10c; $\frac{1}{2}$ oz. 45c; oz. 85c; $\frac{1}{4}$ lb. \$2.50.

Giant Pascal. (135 days).

For second early and mid-winter use. The stalks are large, thick, solid, crisp, and of a rich nutty flavor, free from bitterness. Our seed is best French grown.
Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

***Giant Pascal Special Strain.**

Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.35; lb. \$3.50.

POPCORN

Winter nights before the hearth fire or around the kitchen range, are incomplete without the scent and cheery music of popping Corn. The popping ceremony is not to be overlooked as a social function of importance; while the fluffy, snow-white, salted, buttered popped Corn is both healthy food and dainty refreshment. Also, somebody has to provide raw material for the countless popcorn stands and wagons—why not you?

CULTURE. Sow in rows 3 feet apart soon as Beans can be planted, using more than 1 row, to insure pollinization, covering 2 to 3 inches deep with fine soil. Thin the plants to stand 10 to 12 inches apart in the row. The ears should be thoroughly dry before attempting to pop.

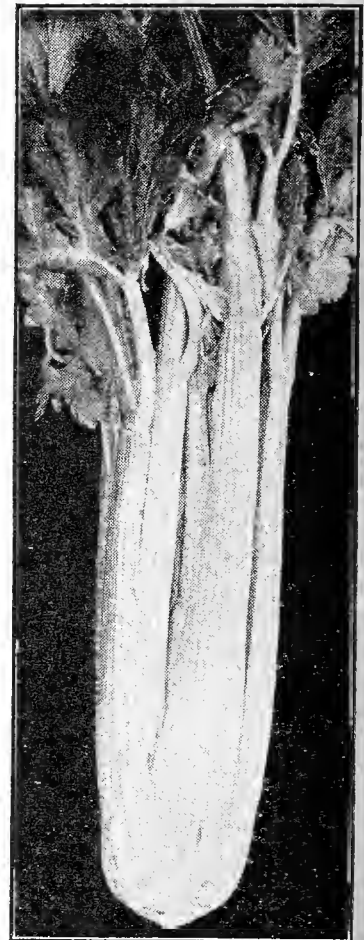
Australian Hulless. Various known as "Tom Thumb" or "Bumble Bee" Popcorn, distinguished by an absence of hull or shell when popped. Dwarf growing but a heavy yielder of short, chunky ears. The kernels are pearly white, unusually long and slim, of splendid popping quality and appealing flavor.

Queen's Golden. Stalk 5 to 6 feet; 2 or 3 large ears each. Kernels rich yellow but pop out pure white, over an inch in diameter.

White Rice. Three or four short ears, kernels long and pointed resembling rice in shape as well as its pearly white color. A splendid popper.

MAIL PRICE: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.00; 10 lbs. \$1.90.

By express or freight (not prepaid):
10 lbs. or more at 14c per lb.



Golden Self-Blanching.

CRESS

Pepper Grass, Extra Curled. Extensively used as a small salad with Lettuce. The leaves while young have a warm pungent taste. Sow rather thick in shallow drills and at short intervals during the season. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c.

ALL VARIETIES: 10c per pkt.

Yellow Varieties

Bantam Evergreen (Golden Evergreen). (70 days). The result of a cross between Golden Bantam and Stowell's Evergreen. It has inherited all the good qualities of both parents; as sweet as Golden Bantam, of the same beautiful color but with an ear nearly as large as Stowell's; the kernels deep grained.

½ lb. 30c; lb. 50c; 2 lbs. 95c.

Barden's Wonder Bantam. (60 days). An improved Golden Bantam—early, richly colored, plump, juicy and distinctively flavored, producing higher up on taller stalks (5 to 6 feet), ears much longer (8 to 10 inches), greatly increasing the tonnage per acre.

Golden Bantam. (60 days). The most popular Sweet Corn ever used. "Golden Bantam" is a household word. Matures with the earliest and by making a planting every 2 weeks may be had from early summer until frost. Kernels are a rich golden yellow, tender, with a flavor rich and pleasing. Ears 8-rowed, 6 to 7 inches long, perfect on-the-cob size.

Golden Gem (43 days). This entirely new variety was developed by the North Dakota Agricultural College. The ears, which are about the same size as Bantam, are deliciously sweet and grow very low on a short stalk. In fact, the lower ear sometimes is on the stalk at a point just below the surface of the soil.

½ lb. 30c; lb. 50c; 2 lbs. 95c.

Golden Sunshine (50 days). Blue skies and sunshine have combined their divinely guided chemistry to produce the nectar-like sweetness of this golden Corn. The ears are compact, about same size as Golden Bantam but more refined in appearance, having from 10 to 12 rows of grains instead of eight as Golden Bantam. It is a very rapid grower.

½ lb. 30c; lb. 50c; 2 lbs. 95c.

Whipple's Early Yellow. (55 days). Double the size of Golden Bantam, only a few days later, and is of fine quality. The ear is 7 to 8 inches long and has 12 to 16 rows of large kernels.

White Varieties

Black Mexican. (75 days). One of the most sugary. The grains when first perfected are pure white and at their best. They then become dark, though still retaining their sweetness.

½ lb. 30c; lb. 50c; 2 lbs. 95c.

Country Gentleman. (70 days). This is sometimes known as "Shoe-peg," from the small peglike kernels irregularly placed on the cob. Medium sized ear, with small cob, giving great depth to the kernels. The quality is distinctive.

½ lb. 30c; lb. 50c; 2 lbs. 95c.

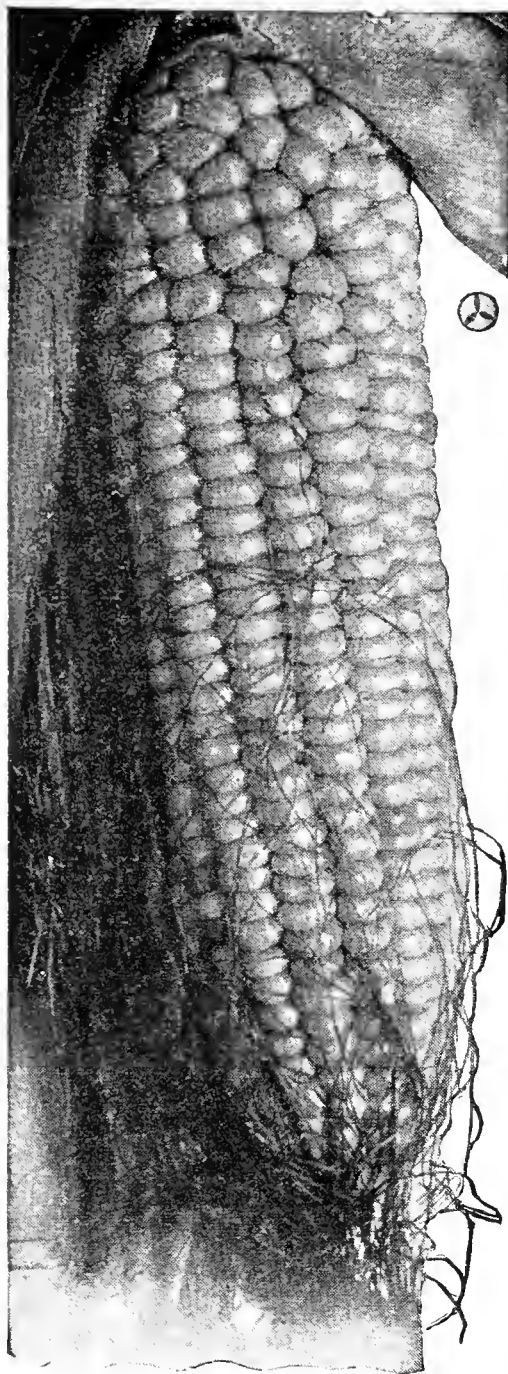
Early Evergreen. (70 days). This variety is about 10 days earlier with nearly as large an ear as Stowell's and equal to it in every other respect.

Howling Mob. (65 days). This is a very popular market variety, usually producing 2 ears to the stalk, 7 to 9 inches long, well protected with husk, kernels large and pure white.

Stowell's Evergreen. (80 days). The old popular variety. Hardy and productive; tender and sugary, remaining a long time in a condition suitable for eating. A good sort to plant for fodder, as it makes a rank growth of heavy forage.

½ lb. 30c; lb. 50c; 2 lbs. 95c.

Whipple's Early White. (70 days). Of Evergreen type but ready for use much earlier. Ears 8 to 9 inches long, 16 to 18 rows of pearly white and very sweet grains.



Golden Sunshine.

Sweet Corn

Sweet Corn is one of the most valuable American foods, lending itself to many convenient treatments so as to be available for table use on short notice the year round. "Corn-on-the-cob," "Succotash," "Canned Corn," "Dried Corn," "Hulled Corn," "Parched Corn," etc.

CULTURE. Plant in hills 3 feet apart each way, or in 4-ft. rows with hills a foot apart. Cover only a half inch; and thin out to 3 plants to a hill. One pound plants 150 hills, 8 to 12 pounds per acre; in drills or broadcast for fodder, 20 to 50 pounds per acre.

PRICE

By mail, postpaid
anywhere in U. S. A.

ALL VARIETIES NOT OTHERWISE
NOTED:

Pkt. . . . \$0.10

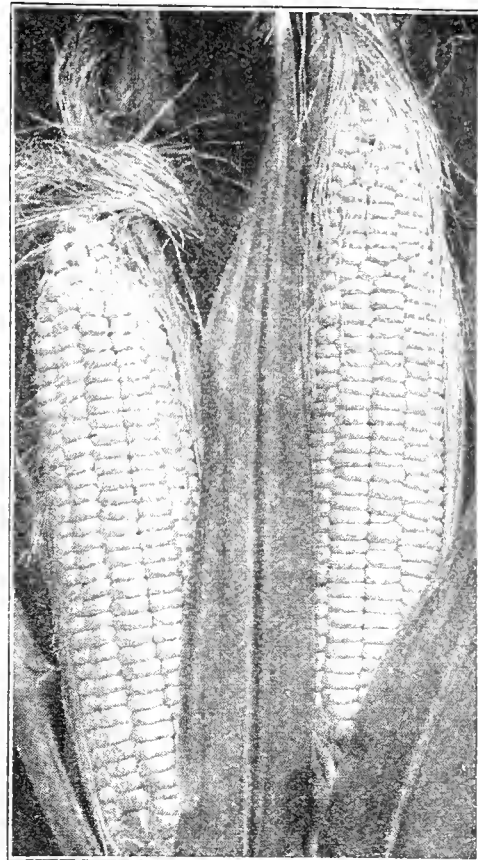
½ lb.25

1 lb.45

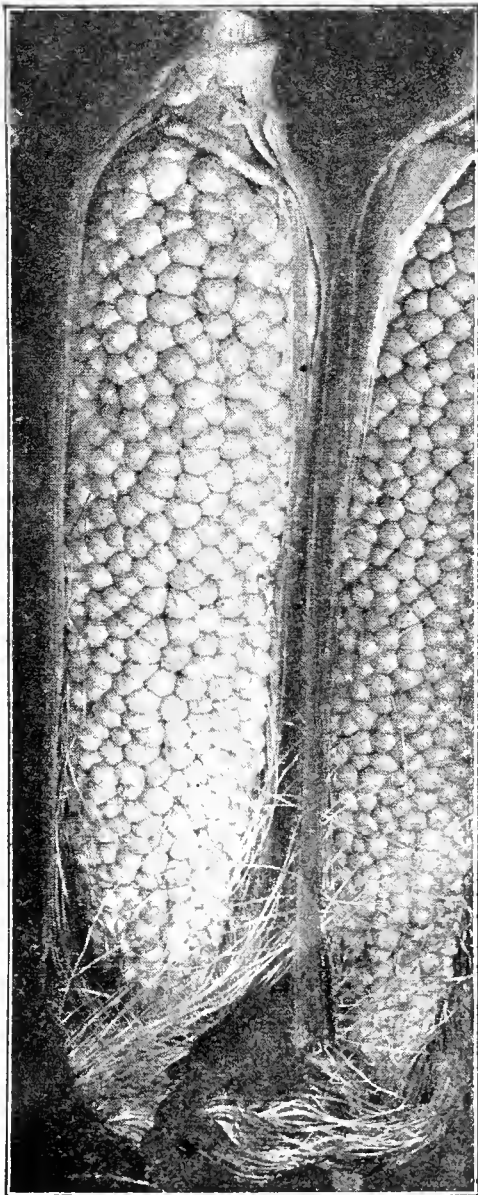
2 lbs. . . .85

5 lbs. . . 1.75

★
If delivery is
desired by ex-
press or freight,
consult table of
DEDUCTIONS
on page 1.



Golden Bantam.



Country Gentleman.



Davis Perfect Cucumbers.

CUCUMBER

Cucumbers succeed best in rich loamy soil. As soon as the weather becomes warm and settled, plant in hills 4 to 6 feet apart each way, with 10 to 12 seeds in a hill; cover one-half inch deep. Air slaked lime or "Slug Shot" sprinkled on the plants every few days as soon as they are up will protect them from the striped beetle. When all danger from insects is past, thin out plants, leaving 3 or 4 of the strongest to each hill. The fruit should be picked when large enough, otherwise it destroys their productiveness. One ounce to 50 hills. Two to 3 pounds per acre.

Arlington White Spine (55 days). Rich green in color and very productive. One of the best varieties for forcing, equally good for outdoor planting. Often sown mixed with Long Green for pickles. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

Davis Perfect (50 days). A first-class variety for forcing under glass; also for outdoor culture and shipping. The color is a dark glossy green, long, slim in shape. It is tender and of exceptionally good flavor. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

Early Fortune (52 days). For a good all-around cucumber this distinctive variety is the finest yet introduced. The rich dark green fruits when matured, at the slicing stage average $7\frac{1}{2}$ to 8 inches in length and retain their color remarkably long. The flesh is firm, with a small seed cavity, making it a good shipping and market as well as pickling sort, producing an enormous quantity. The vine growth is vigorous and the leaves resistant to disease. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

Early Cluster. (50 days). Vines vigorous, producing the crop near the roots and in clusters; short, early, and prolific. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

Everbearing. (65 days). The young fruit is symmetrical, deep in color and crisp; of medium size, fine for pickles. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

Improved Chicago Pickling. (68 days). Very popular with the market gardeners. Fruit is of medium length, pointed at each end with large and prominent spines, color deep green; extremely prolific. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

Improved Long Green. (65 days). Slicing and pickling. Of excellent quality, dark green, firm and crisp. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

Japanese Climbing (60 days). All Cucumbers are of trailing or creeping habit but this one is a real climber and does best on pole or trellis. Cucumbers are of excellent quality, dark green color. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

Monarch or Heinz's Pickle. (55 days.) Very prolific and one of the most popular kinds for pickles. The young fruit is short, straight, square ended and deep green in color.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

Staygreen (55 days). The earliest white spine variety; a heavy yielder of uniform handsome fruits 7 to 8 inches long that are a beautiful dark green color from end to end; earliness, productiveness, fine color and uniform shape are its strong points of excellence.

Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

The New Longfellow A short description for a long cuke. The fruit averages 12 to 14 inches in straight length by about $2\frac{1}{2}$ inches in diameter and is borne early and in real abundance despite its great length. One of the very few Cucumbers which, when grown outdoors, resembles the hothouse type; holding its dark green color until the last and being in all other respects equally desirable. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

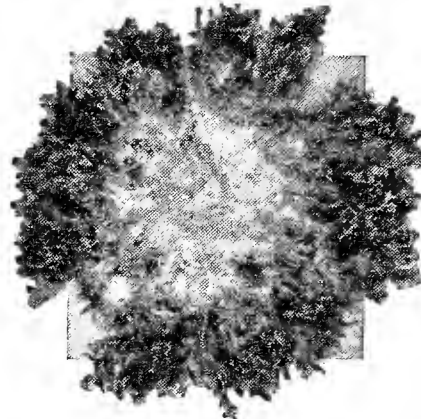
EGGPLANT

CULTURE. Sow in hotbed early in spring; transplant $2\frac{1}{2}$ feet apart each way after weather becomes settled and warm. If no hotbed is at hand, plants may be started in pots or boxes. The potato beetle is very fond of the plants. Paris Green applied same as to potatoes will keep them in check. One ounce to 1000 plants.

PRICE: Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

Black Beauty. (140 days). The fruits are broad and thick, of attractive form and finest flavor; rich purplish black, entirely free from spines or thorns.

Improved Large Purple. (125 days). Fruit remarkably large, often measuring 12 inches in depth and 9 inches in diameter, weighing 5 to 6 pounds.



Endive, Green Curled.

a salad or for cooking, like Kale or Mustard.

ENDIVE

CULTURE. For early use sow in April; for late or main crop, in June or July, in drills 14 inches apart; when 2 or 3 inches high thin to 1 foot apart in the drills. When fully grown should be blanched.

PRICE: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Large Green Curled. (40 days). A broad-leaved variety.

White Curled. (35 days). Pale green, midrib yellow.

Broad-Leaved Batavian. (45 days). Good as

HERBS

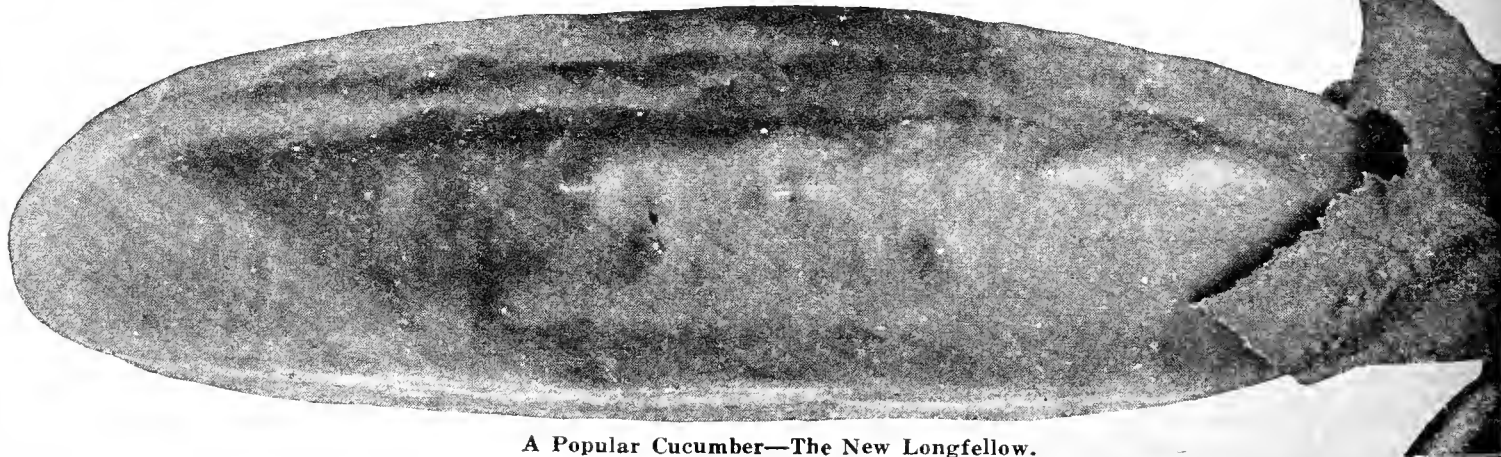
They should be cut on a dry day just before they come into full bloom and hung where they may dry quickly.

Dill. (Anethum graveolens). An annual cultivated for its seeds which have an aromatic odor and warm pungent taste. They are used as a condiment, also in making dill pickles.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.

Sage. (Salvia officinalis). The leaves and tender tops are used in seasoning dressing and sauces. A medicinal tea is also made from the dried leaves. Perennial. Pkt., 10c; oz., 30c.

Sweet Marjoram. (Origanum majorana). Used as a relish in soups, broths and dressings. Perennial. Pkt. 10c; oz. 35c.



A Popular Cucumber—The New Longfellow.



KALE

CULTURE. Kale is one of the hardest of "Greens" belonging to the Cabbage family. Sow either in rows or broadcast; in early spring, for summer and fall use; August or September for spring use. One or two pounds to an acre. One ounce should produce about 3000 plants.

Dwarf Green Curled. (55 days). This is the most dwarf popular variety.
Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

LETTUCE

CULTURE. Lettuce seed should be covered very shallow to secure proper germination. Sow in hotbeds in March and transplant to open ground as soon as it can be worked. For late supplies, sow in the open ground as soon as the season permits, in rows 1 foot apart; thin out plants 1 foot apart in the rows. Sow every 2 or 3 weeks to the middle of August, for succession. One ounce will sow 125 feet of drill to produce 3000 plants.

PRICE, all varieties (except as noted):
Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Big Boston (45 days). Leader of the head types. Leaves are light green and very tender.
Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Black Seeded Simpson. (40 days). The leaves are thin, tender, and of a light green color; very early.

California Cream Butter. (42 days). A Head Lettuce; large, of a rich buttery flavor. Leaves are thick, the outer ones slightly tinged brown.

Creamy Heart (45 days). A large firm head without any brown spots or edges. The outer leaves are dark glossy green, the heart blanched to creamy yellow. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Denver Market. (45 days). For forcing or open ground; the leaves beautifully curled and crimped, crisp and tender.

Early Curled Simpson. A compact mass of yellowish green.

Early Prize Head. (50 days). Bright green, tinged with brownish red, of superb flavor, tender and hardy.

Grand Rapids (38 days). As a forcer for winter and early spring, this stands at the head.
Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.75.

Improved Hanson. (45 days). Heads large, fine form, sweet, tender and crisp, color green outside and white within. Intermediate between the types (black seeds).
Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

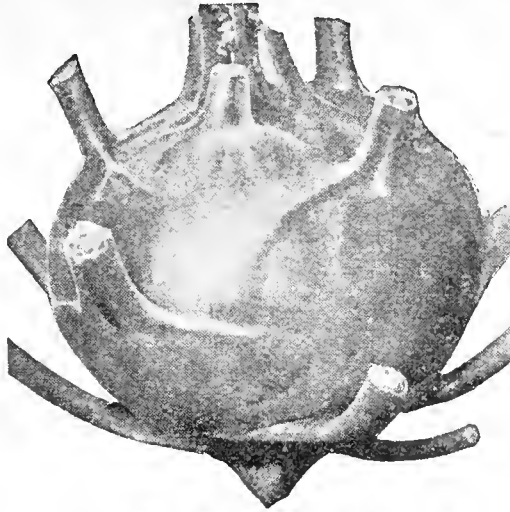
May King. (42 days). Grown outdoors it is extremely early, maturing light green heads of good size, solid enough to ship well to distant markets.
Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

New York ("Wonderful," "Iceberg," "Los Angeles"). (55 days). A remarkable Head Lettuce famous from coast to coast. Immense round heads about 15 inches across, weighing 2 to 3 pounds, crisp and solid as a Cabbage. The broad outer leaves are dark green and crumpled, the firm heart a creamy white, tender and delicious. Deep rooted and drought resistant, sure and reliable, slow to seed.
Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

Wayahead. (42 days). Very early and surest to head; of large size, tightly folded, the interior blanched to a rich butter-yellow.

White Self-Closing Cos (55 days). Beautiful light colored outer leaves, centers blanching to a pure white, very tender and of delicious flavor. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

New Chicken Lettuce Grown as a "greens" plant for chicken or rabbit feed. When cut, it starts to grow again like a Kale, which can be pulled off each stem. Does not make a head, but sends up a stout stalk 3 or 4 feet high, just loaded with leaves.



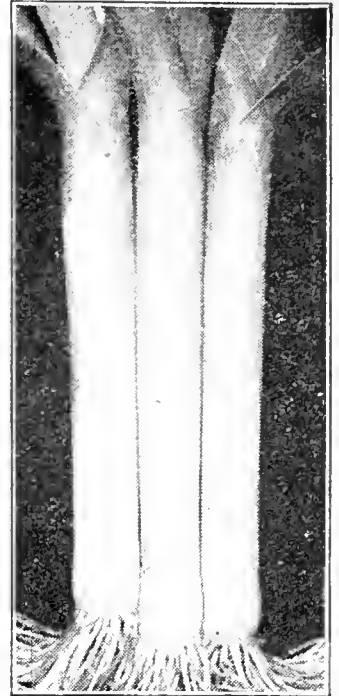
KOHL RABI

A turnip-rooted Cabbage, the edible part being the bulb which grows on a stalk a few inches above the ground. Use before bulbs get to be more than 2 inches thick as all varieties are tough and stringy when overgrown. Remove the thick outer skin before boiling, and serve like Turnips. Sow in the spring ¼ inch deep, in drills 2 feet apart; thin to 8 inches apart.

PRICE: Pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 75c.

Early White Vienna. (50 days). Early, white.

Purple Vienna. (70 days). Late, purple.

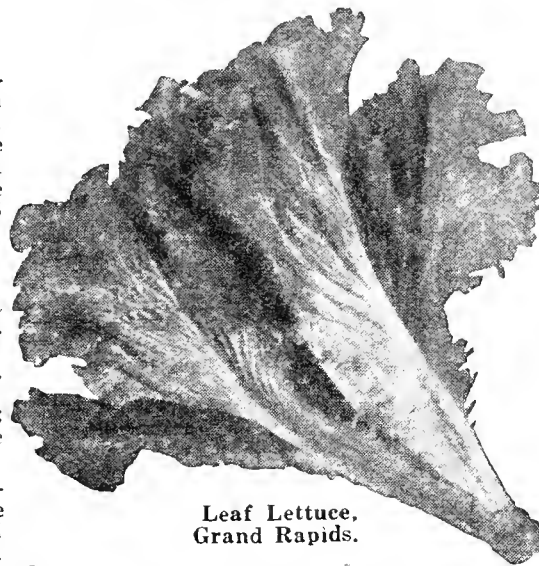


American Flag Leek.

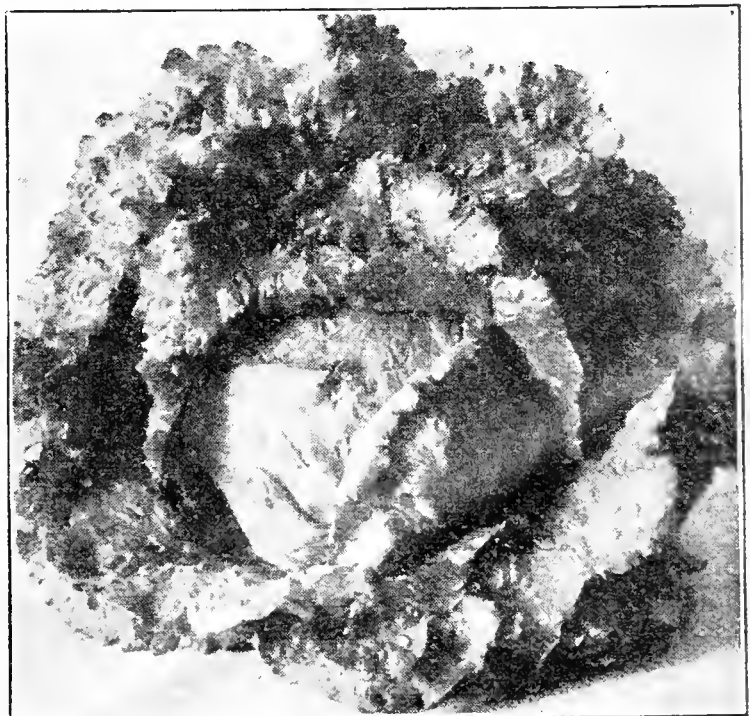
LEEK

American Flag. (70 days). Closely allied to the Onion, it is used in soups, stews or boiled whole and creamed; its mildness and distinctive flavor making it very popular. The entire lower portion or neck of the plant is used. Sow early in the spring in drills ¼ inch deep and 1 foot apart. When 6 or 8 inches high transplant as deep as possible, that the neck may be blanched. One ounce to 150 feet drilled.

Pkt. 10c; oz. 25c;
¼ lb. 75c.



Leaf Lettuce,
Grand Rapids.



Head Lettuce—New York or "Wonderful."

MUSKMELON

CULTURE. Melons require rich soil. Sow 10 to 15 seeds to each hill, which should be 6 feet apart each way. When well started thin out to 3 or 4 strongest plants. One ounce will sow or plant 50 hills, 2 or 3 pounds to the acre.

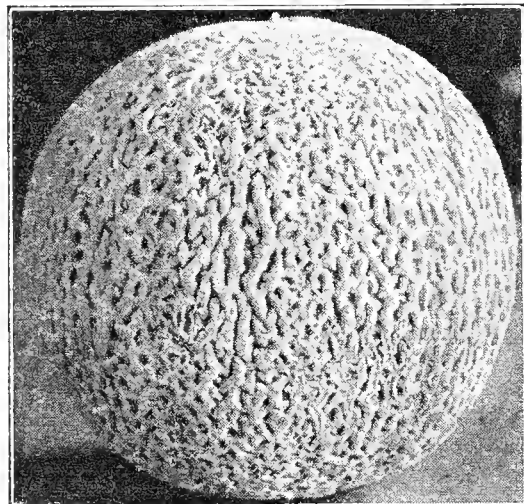
Banana. (85 days). Make a long banana-like growth, very fragrant and of delicious flavor. Excellent for the home garden. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Bender's Surprise. An oval, heavily netted Melon averaging 10 pounds of delicious flavor and sweetness. The deep orange flesh is very thick, the rind very firm, which helps hold them in good condition a week after picking. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

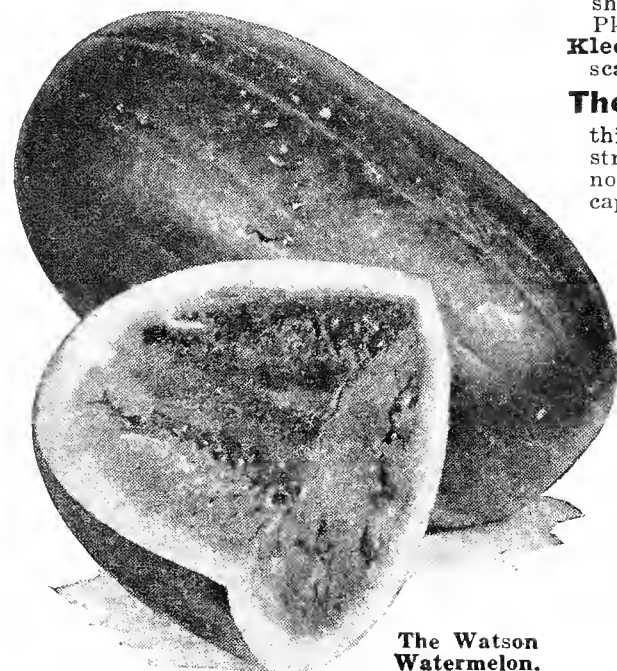
Early Hackensack. (60 days). Extra early, large and productive. Fruits deeply netted, flesh light green; of most excellent quality. Recommended for sections with a short season. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.



Osage Muskmelon.



Honey Rock Muskmelon.



The Watson Watermelon.



Early Hackensack Muskmelon.

Hale's Best

(68 days). The earliest maturing of all large Melons. The melons are oval, inclined to somewhat elongated shape. Its popularity is due not only to earliness but particularly to the tasty flavor and luscious sweetness of its beautiful salmon flesh. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Hearts of Gold. (70 days). Good to look at with its fine netting, fairly distinct ribs, uniform just-right table size, and satisfying abundance. The flesh is a luscious pink and gold, with little waste in seed cavities; flavor unexcelled; shipping profitably. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Honey Rock (80 days). An entirely distinct new variety; extremely prolific, large in size, of attractive appearance (round, not ribbed, heavily gray-netted over golden yellow), so tough it handles and ships perfectly. Its deep, melting, orange-colored flesh with tantalizingly sweet aroma, is an irresistible inducement to take, eat and enjoy one of the best flavored Melons ever produced. A great market seller. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

Lake Champlain (57 days). A new early variety successful in numerous widely separated tests for hardiness, earliness, productiveness and quality. The Melon is medium sized, intricately netted, moderately ribbed; the flesh is deep, very sweet and melting, beautiful golden yellow; plant vigorous and bushy. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Osage (75 days). Of uniform quality, sweet and delicious. The skin is thin, dark green and slightly netted; flesh deep salmon, of spicy flavor. A good keeper and largely planted. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

WATERMELON

CULTURE. The best soil for growing these tempting, luscious products of the field, is sand, but well drained loam if sun-warmed will produce excellent crops. Plant in hills 8 feet apart each way, using a shovelful of well-rotted manure in each hill, thin to 6 plants to hill, after all danger of bugs is past, further thin to 4 plants. Do not plant melon seeds until the ground is thoroughly warmed. Use "Slug Shot" for bugs. One ounce plants 20 to 40 hills or 4 pounds for 1 acre.

Fordhook Early (60 days). An extra early Melon of fine flavor and large size. Uniform medium green. Flesh red and sweet. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

Harris' Earliest (60 days). The best variety for northern latitudes, largest and sweetest of all the early Melons. Oval in shape, green striped with gray, attaining a weight of 20 to 30 pounds. Firm hard rind, shipping well; flesh bright red and tender, very sweet and delicious. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

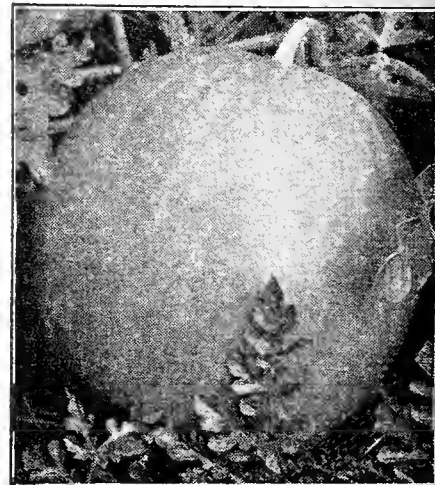
Kleckley's Sweet. (70 days). The skin is a rich, dark green, the flesh bright scarlet, ripening close to the rind. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 75c.

The Watson (90 days). One of the very best Melons introduced to date. Perfect in shape, rind is dark, glossy green, very tough and thin, the flesh dark red, very crisp, no strings and most delicious. Popular, not alone for its luscious flavor and captivating inner beauty, but also for the ease in carrying, stacking and handling due to its uniform elongated shape. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 75c.

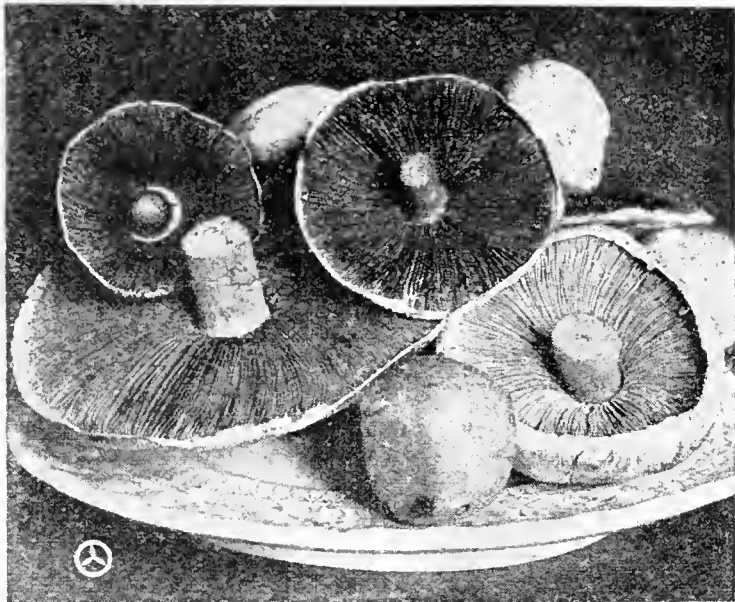
Winter Watermelon

A home-grown Melon for your Thanksgiving dinner! Genuine midseason form and luscious flavor carried on into winter. This is not a "Citron," nor a freak, but a very prolific long-keeping true watermelon type of medium size, round shape, yellowish rind with flesh bright red, crystalline, sweet as honey. Take fruits from field before frost, and store in a cool cellar.

Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.



Winter Watermelon.



MUSHROOM SPAWN

Mushrooms are considered a great delicacy by everyone and are always in much demand at fancy prices. Many are devoting their spare time to mushroom culture and are getting big returns for their labor. Nearly everyone has some unused place that might be devoted to mushroom growing. Contrary to general belief, it is not necessary to have especially prepared equipment for this purpose, but advantage may be taken of locations already existent. They can be grown in dark rooms, caves, cellars or under greenhouse benches, where the temperature can be maintained at from 50 to 60 degrees.

The furnace room and basement service rooms are obviously unsuitable; not only because of heat and dryness, but the odor from the manure which is necessary in the compost for a planting bed would be objectionable in the house. The space beneath a well shut-in porch, however, is excellent; and the obsolete woodshed (with dirt bottom) can be utilized in old houses. For just the normal fall picking, profitable beds may easily be operated in segregated sections of the back yard. In latitudes where winters are mild, this outdoor culture can be carried on successively throughout the winter months.

We furnish complete cultural directions with each order. One brick is required for 10 square feet.

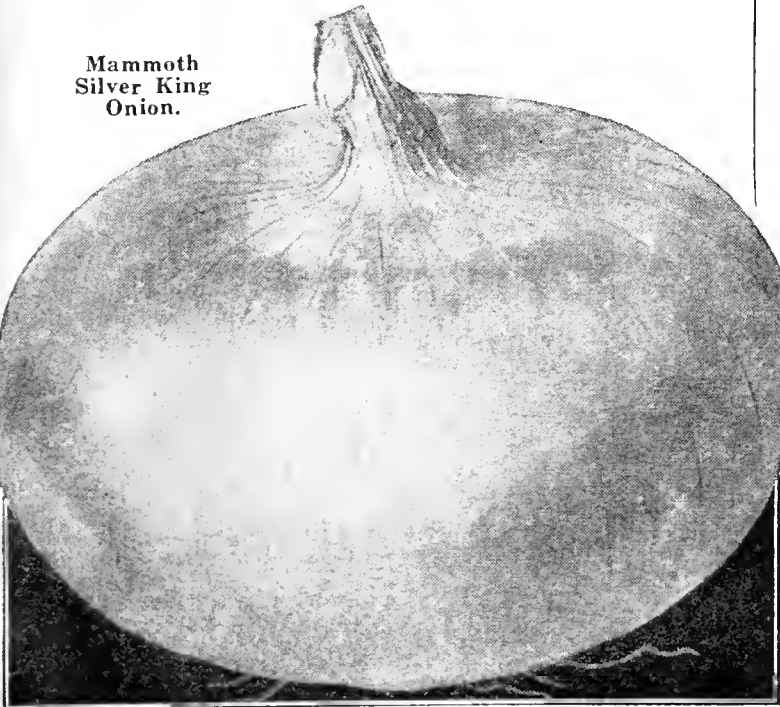
Lambert's Pure Culture Mushroom Spawn

This new method insures best quality, type, and yield. By mail, postpaid: 1 brick, 55c; 2 bricks, \$1.00; 5 bricks, \$2.00; 10 bricks, \$3.50. By express (not prepaid): 10 bricks for \$2.75.

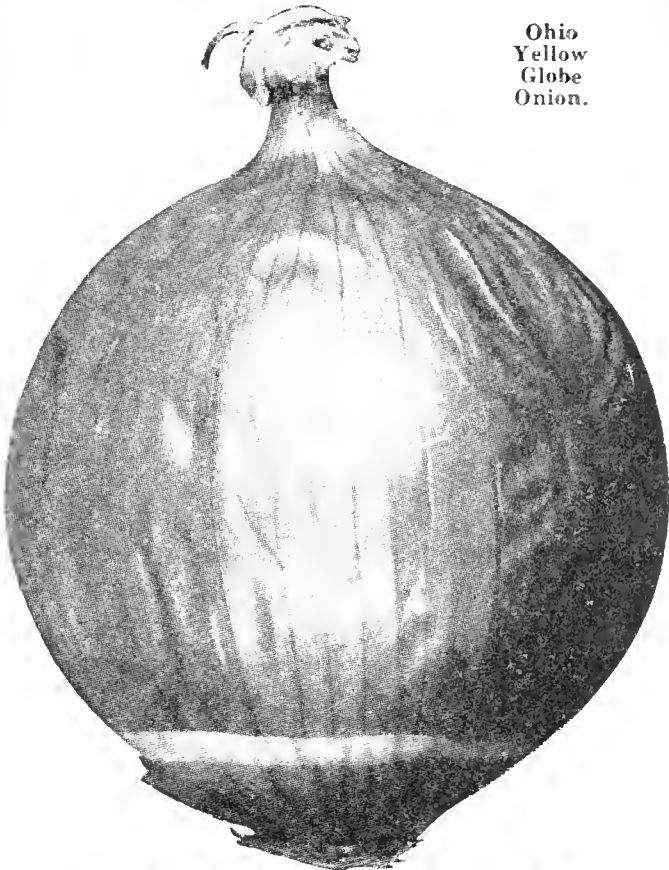
OKRA

CULTURE. Seed should be soaked before planting to insure quick and even germination; sow in rows 2 to 3 feet apart, and thin to 12 to 18 inches in the row. Gather pods when young.

White Velvet. (50 days). It is delicious in soups. Pkt. 10c; oz. 15c; 1/4 lb. 25c; lb. 75c.



Mammoth Silver King Onion.



Ohio Yellow Globe Onion.

ONION SEED

CULTURE. A strong, deep, rich and loamy soil is most suitable, or even a black sandy loam. Muck ground should be to the depth of 2 feet give large yields. The ground should be heavily dressed with well-rotted manure, and plowed a moderate depth taking a narrow furrow; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order harrow it thoroughly and make as fine and level as possible; sow thinly in drills one-fourth inch deep and 14 inches apart. Do not ridge up to the growing bulbs. One ounce will sow 100 feet of drill; 4 to 5 pounds per acre for large onions, 50 to 60 pounds for sets.

Ohio Yellow Globe (120 days). One of the finest yellow commercial Onions grown; of good size, true globe shape, absolutely free from any neck, a solid bulb and fine keeper.

Pkt. 10c; oz. 45c; 1/4 lb. \$1.35; lb. \$4.00.

Prize Taker. (100 days). A very large Onion, hardy, productive and a fair keeper. Outside skin is rich yellow, flesh white, sweet and tender. They bottom well, are free from stiff necks. Pkt. 10c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.00.

Southport Red Globe. (110 days). An attractive globe-shaped variety; matures quite early, grows large and is very productive; skin deep red; flesh fine grained.

Pkt. 10c; oz. 45c; 1/4 lb. \$1.35; lb. \$4.00.

Southport Yellow Globe. (110 days). A bright yellow globe, mild flavored and slender necked; good keeping quality.

Pkt. 10c; oz. 45c; 1/4 lb. \$1.35; lb. \$4.00.

Southport White Globe (120 days). Commands the highest market price; good shape, clear white skin. To keep the white color cure in shade. Pkt. 10c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.50.

White Silverskin. (95 days). This is a small silvery white Onion. Just the right size for pickling whole for which it is used almost entirely.

Pkt. 10c; oz. 45c; 1/4 lb. \$1.25; lb. \$3.75.

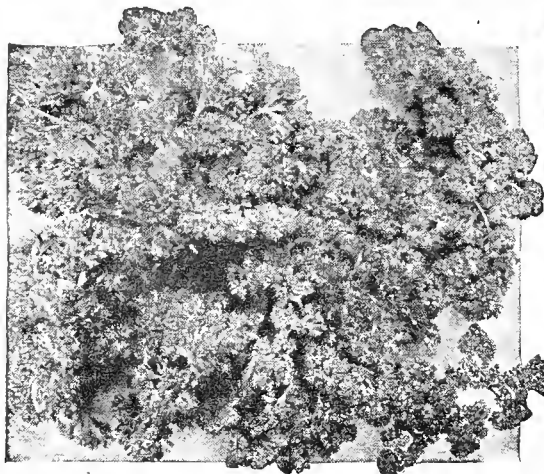
Mammoth Silver King. (80 days). A large, flat but thick, sweet, silvery white Italian variety, maturing very early. On account of its extreme mildness it is one of the best for salads and eating raw. To produce the largest Onions, transplant when the young seedlings are 3 to 4 inches high. Pkt. 10c; 1/4 lb. 90c; lb. \$2.75.

ONION SETS

Plant onion sets as soon as ground is dry enough, in rows a foot apart, with sets 2 to 3 inches apart. One pound will plant about 100 linear feet, or 300 to 500 pounds to acre. Raised from sets. Onions can be used green in June, or ripened by July. Write for quotations on large quantities.

PRICE (Subject to market change). By mail, postpaid: Lb. 35c; 5 lbs. \$1.40; 10 lbs. \$2.50. By express collect: 15 lbs. and over at 18c.

Ebenezer. Very mild; white flesh, yellow skin.
White. Silverskin.
Yellow Danvers.



Champion Moss Curled Parsley.

PARSLEY

Sow in drills 1 foot apart, in rich, mellow soil; soak the seed 12 hours before sowing, which should be done in early spring, as they are very slow to germinate. When 1 or 2 inches high thin out the plants to 6 inches apart in the rows. Used as a garnish for table, also in soups. Late in the fall, a few plants may be dug and potted; set in a sunny window, will provide fresh leaves all winter.

PRICE: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Hamburg or Rooted. (100 days). Grown for its piquantly edible roots. These are shaped and in size similar to Parsnips, with white flesh, the flavor very much like Celeriac. Useful as flavoring for soups and stews, and often cooked like Parsnips. May be dug late and stored in dry sand for winter use.

Champion Moss Curled. (65 days). A compact growing finely cut and beautifully curled variety, the favorite garnish.

PARSNIP

Parsnips sliced and fried are a nutritious and acceptable side dish at many a winter dinner.

CULTURE. One ounce will sow 200 feet of drill; 5 pounds for 1 acre. Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. When well up thin out to 5 or 6 inches apart in the rows. Unlike Carrots they are improved by frost, and it is usual to take up in fall only a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required. If cellar-stored, pack in boxes filled with slightly moist soil.

Hollow Crown or Long Smooth. (85 days). Roots oblong, ending somewhat abruptly with a tap root; best variety for general use.

Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

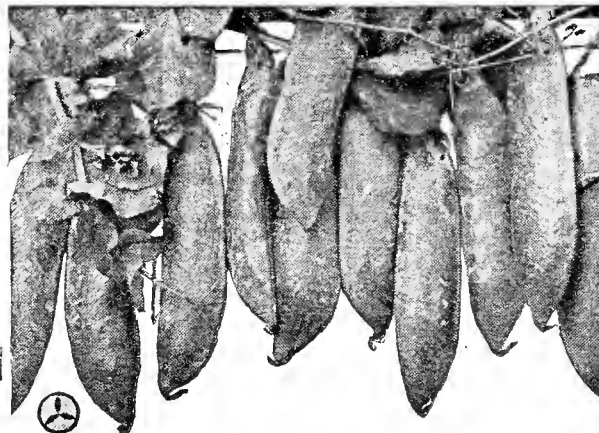
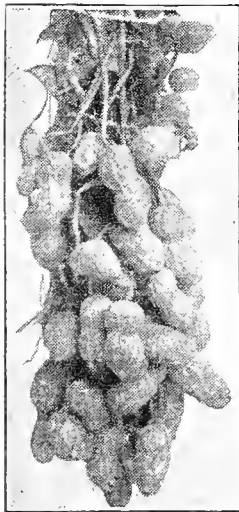
PEANUTS

Peanuts are an American institution, their delectable aroma and consumption an inevitable feature at all American outdoor sports. It may be a matter of surprise to most northern gardeners that it is not only practical but profitable to raise your own, as well as help supply your local market. In farming, the prolific tops are valuable as forage; the nuts for fattening hogs.

CULTURE. Peanuts require light rich soil well limed. Plant in the spring as soon as the ground has become warm, in rows 30 to 36 inches apart, placing the seed 6 to 10 inches apart in the row. It is not necessary to remove the hull when planting. Keep well hoed. When matured pull and hang up to dry.

Valencia. A very desirable and productive Spanish bush type. Mild, sweet flavored, bearing 3 or 4 peas in each hull.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.25, postpaid.



Extra Early Alaska.

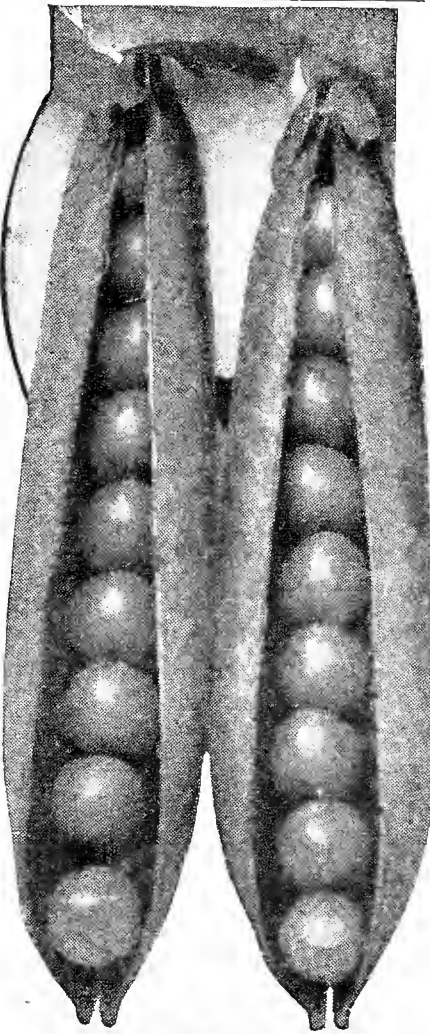
PEAS

CULTURE. Peas mature earliest in a light, rich soil; for general crop a moderately heavy soil is best. Commence sowing early varieties as soon as ground can be worked, continue for a succession every 2 weeks until June. Sow the early, second early and late varieties at the same time for a succession. One pound for 100 feet of drill; 110 to 175 pounds for an acre. The wrinkled varieties are more susceptible to cold, wet weather, hence should not be planted very early.

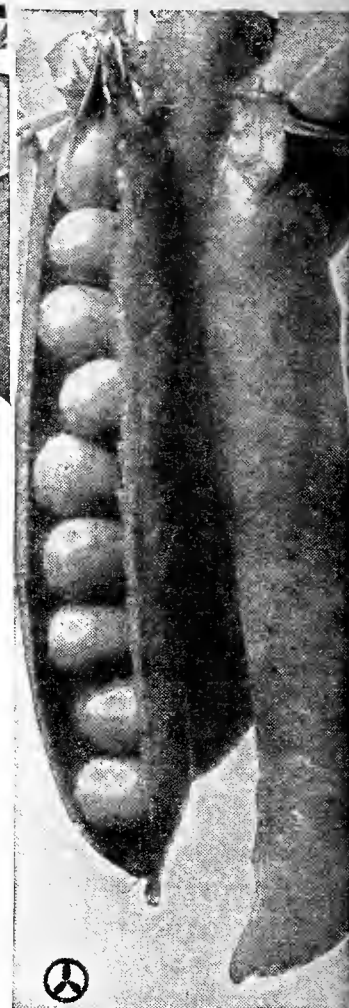
Brush can be used to advantage on all varieties, but the various dwarf growing sorts take care of themselves very well without. If brush is not available, chicken wire is the best substitute for use with the taller growing kinds.

The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, not only will new pods cease to grow, but those partly advanced will stop growing.

★ If delivery is by express or freight—see table of DEDUCTIONS on page 1.



Blue Bantam Peas.



Gradus Peas.

PRICES of PEAS

BY MAIL, POSTPAID

All are No. 1, Except as Noted No. 2		No. 1	No. 2
Pkt.		\$0.10	\$0.10
$\frac{1}{2}$ lb. ....		.25	.25
Lb. ....		.45	.40
2 lbs. ....		.85	.75
5 lbs.		1.75	1.25
10 lbs.		3.35	2.25

BY EXPRESS or FREIGHT
Charges Not Prepaid.

15 lbs. + @.25 @.18.

Extra Early Peas

Alaska and First and Best may be sown as soon as ground can be worked, usually early in March.

Alaska (Earliest of All). (45 days). Pods of perfect shape, well filled with smooth Peas of unrivaled quality; not very large but the vines are prodigious croppers. Height 2 $\frac{1}{2}$ feet. Price No. 2.

Blue Bantam. (55 days). The dwarf, vigorous vines average 15 inches in height and carry enormous crops of large deep bluish green pods. These measure 4 to 4 $\frac{1}{2}$ inches long and are tightly packed with 8 to 10 extra large luscious Peas.

Everbearing. (65 days). Grows about 20 inches high; pods of good length; Peas very large, wrinkled, in quality unsurpassed.

First and Best. (45 days). Pods well filled with round, smooth Peas of excellent flavor. Extremely early, productive and hardy. Height 2 $\frac{1}{2}$ feet. Price No. 2.

Gradus. (55 days). One of the earliest wrinkled Peas, very hardy. The vine grows about 2 $\frac{1}{2}$ feet high. Pods large and well filled.

Extra Early Peas

—Concluded.

Hundredfold. (50 days). Bountiful crops of broad, 4-inch pods which hold usually eight large, dark green Peas of wonderfully rich flavor. The vines are sturdy and heat-resisting, averaging 16 inches.

Laxtonian. (50 days). Dwarf and bushy—about 14 inches—very productive of 4-inch blunt pods containing 8 to 10 Peas of unsurpassed flavor.

Laxton's Progress. (46 days). The earliest large-podded dwarf wrinkled Pea, an improvement of Laxtonian and 4 days earlier. Pods are 4 inches long, broad and pointed, deep green in color, containing 8 large deep green Peas, which are of the most delicious flavor.

Little Marvel. (53 days). Popular with market gardeners because of its extreme earliness and productiveness. The large dark green pods are usually borne in pairs. Very dwarf, vines growing only about 15 to 18 inches high.

Nott's Excelsior. (60 days). This excellent dwarf wrinkled extra early Pea is robust and vigorous and produces in profusion handsome pods, closely packed with large Peas of fine flavor.

Thomas Laxton. (50 days). One of the largest podded of the dwarf Peas. Matures with the earliest and is of a delicious flavor.

Medium Early or Second Crop

Dwarf Telephone or Daisy. (65 days). A medium late Pea of dwarf, stocky habit, healthy, vigorous growth, and productive, bearing large, handsome pods and peas of highest quality.

Dwarf Champion. (65 days). This new Pea is one of the finest sorts we have ever tried. Vines make a healthy dark green growth and are well loaded with pods. The peas, which are borne crowded in medium-sized pods, are of the highest quality, possessing the rich flavor of the Champion of England. The growth is very dwarf, requiring no support.

Late or Main Crop Peas

These late kinds may as well be planted at same time as the earlier ones. The tall varieties do very well planted in double rows with the line of brush set in at same time, allowing 3 feet of space between the lines for thorough cultivation. Do not stint the seed, but scatter in the broad furrows, which should be at least 4 inches deep.

Champion of England. (75 days). One of the richest and best flavored Peas grown. Height 3 to 4 feet, seed wrinkled, whitish green and much shriveled.

Improved Stratagem (Potlatch). (70 days). One of the finest dwarf wrinkled Peas; quality unsurpassed. Vines 18 to 20 inches. No sticking required. Loaded with pods that are crowded with immense dark green Peas.

Telephone. (70 days). One of the finest tall wrinkled marrows yet introduced. Vine strong, producing abundantly. The pods are of large size and filled with large delicious Peas. Height 3 to 4 feet.



Dwarf Telephone Peas.

when young, turning to bright crimson as they ripen. It is not uncommon to find fruits showing flesh three-eighths of an inch thick. In addition to this thickness of flesh, it is of the finest quality, being sweet, crisp and tender, and entirely free from pungency. The plants are slightly spreading, sturdy and productive, bearing from 5 to 9 large fruits at a setting. Although not strictly an early variety, it will produce marketable fruits as early as the second early sorts. An ideal Pepper for both home gardener and shipper. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.

Chinese Giant. (130 days). Largest of the Peppers; chunky, very thick and meaty, 4 to 5 inches across at the base and equally as long, divided into 4 sections. Fine for stuffing and for salads. Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25.

Harris Early Giant. (100 days). Earliest of all large-fruited sorts. Four inches high and three inches through. The Peppers are deep green, turning to brilliant red, with thick flesh, of sweet, pleasant flavor. Pkt. 10c; ½ oz. 30c; oz. 55c; ¼ lb. \$1.65.

Hungarian Yellow (120. days). A useful, tasty semi-hot Pepper of great sectional popularity; thick fleshed, 2½ by 4½ inches, the smooth and glossy skin a light pearl at first, maturing to canary yellow. Pkt. 10c; ½ oz. 40c; oz. 85c; ¼ lb. \$2.50.

Pimento. (130 days). Somewhat different in character from other Peppers, and useful in a great many ways. It is thick fleshed, mild and sweet; smooth and glossily green at first but maturing to bright red. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00.

Red Cayenne. (125 days). A long slim pod, rather pointed and when ripe of a bright red color, extremely strong and pungent. Used for pickling and pepper sauce. Pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.35.

Royal King. (125 days). We believe it the best Sweet Pepper produced in many years; the plant unusually productive, returning an enormous yield to the acre. Exceptionally large fruited, thick and meaty; its walls more than twice as thick as those of other sorts; very mild—not the least pungent—perfectly sweet. The type is thoroughly fixed, producing uniform fruits both in shape and color. Pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.35.

Ruby King. (130 days). A large and handsome variety. When ripe they are of a beautiful ruby red color, and are always remarkably mild and pleasant to taste. Pkt. 10c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.75.

FIELD PEAS

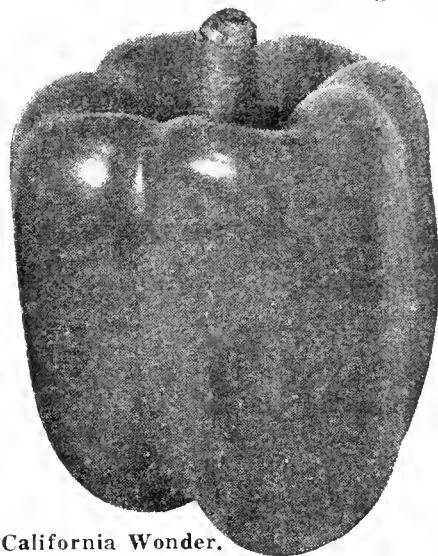
Canada Field. (White Seeded). Valuable for soiling purposes. Sow at the rate of 2 to 3 bushels per acre; also sow with oats for green feed; are now quite extensively used for this purpose.

By express or freight, not prepaid: 10 lbs. at 12c per lb.; 60 lbs. at 11c per lb.; 100 lbs. at 10c per lb.

PEPPERS

CULTURE. Sow in a hotbed in March and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows 18 inches apart. They may also be sown in the open ground when the danger of frost is past and the soil is warm and the weather settled. Thorough and frequent cultivation should be kept up until frost; by this means you can have a continuous crop. One ounce will produce about 1500 plants; 3 ounces supplies an acre.

California Wonder The fruits are blocky or square-shaped, slightly broader at stem end than at nose, without distinct lobing or indentations, and especially free from roughness at blossom end. Full grown fruits have a breadth of 4 inches and a length of 4½ inches, and it is not unusual to find specimens weighing a full pound. They present the smooth, attractive dark green color of the Pimento



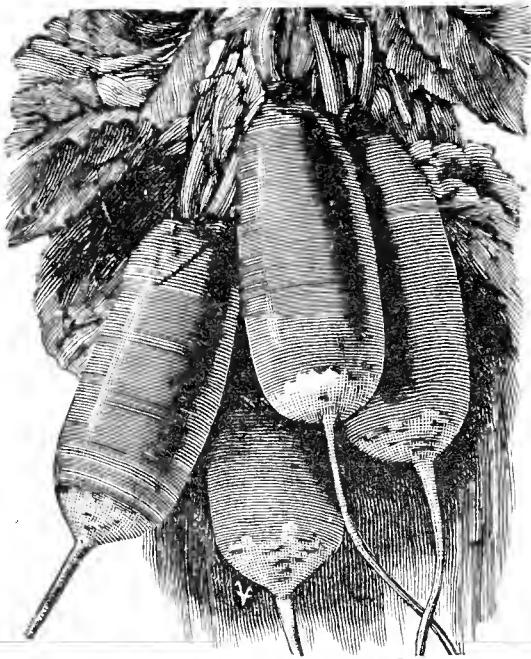
California Wonder.



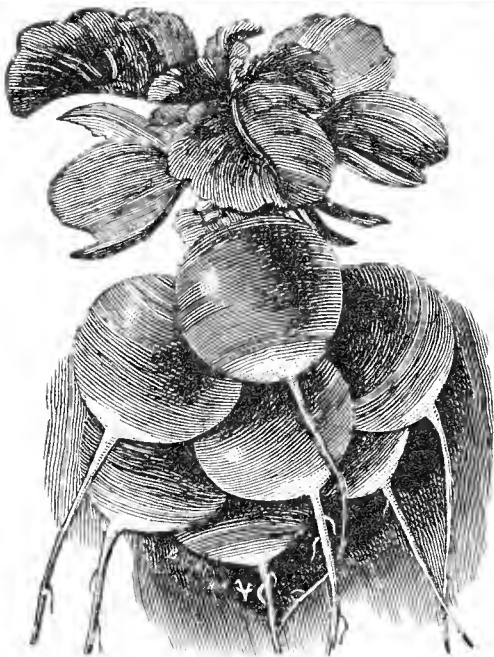
Inoculate All Peas



Garden Size 25c



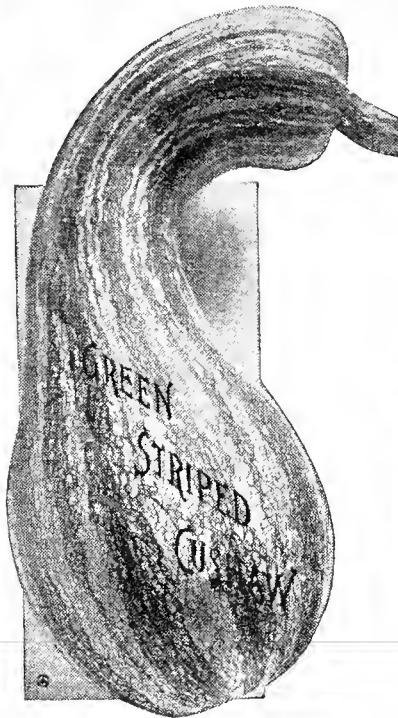
French Breakfast Radish.



Round White Tip Scarlet.



The White "Icicle" Radish.



A New Type for Baking.



Sugar or Pie Pumpkin.

PUMPKINS

CULTURE. Plant in good soil when the ground has become warm, in hills 8 to 10 feet apart each way; or with corn, in about every fourth hill. Three pounds per acre alone or about 1 pound with Corn. Use "Slug Shot" for bugs.

Green Striped Cushaw. (75 days). A long crooked neck, terminating in a round or oblong end enclosing a very small seed cavity; flesh surrounding seed cavity very thick. Neck is absolutely solid, rivalling finest Sweet Potatoes for baking; or sliced and fried like eggplant, when young; or as a pie sort, it has no equal. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

King of Mammoths (Jumbo). (90 days). Largest of all the Pumpkins, often reaching 24 inches in diameter, weighing 100 or more pounds. Make nutritious stock feed, yet the quality is excellent for pies. When ripe, the skin is a rich orange color, flesh thick, sweet and yellow. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

Large Yellow Field. (90 days). For field culture, usually with Corn. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c; 5 lbs. \$4.00, postpaid.

Sugar. (65 days). A prolific variety of small size; the skin a deep orange-yellow. It is fine grained, sweet, of a handy 2-pie size, ideal for ready marketing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

RADISHES

CULTURE. One ounce will sow 100 feet of drill, 10 pounds required for 1 acre. For the first crop sow as early in the spring as the ground can be worked, and every 2 weeks throughout the season for a succession. A warm, sandy loam, made rich and light by some good strong manure, will be most likely to afford them brittle and free from worms. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August, no use earlier.

PRICE

All varieties, by mail, postpaid:
Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Cincinnati Market. (28 days). A fine early variety with a long, smooth root and small top. Bright transparent red, flesh tender, delicious, even when full grown.

Crimson Giant. (35 days). Suitable for forcing or early planting out-of-doors. Larger than the other round red Radishes, and solid longer.

Early Round Scarlet. (25 days). Small, round, red, turnip-shaped, with a small top; of very quick growth, crisp and tender.

Early Long Scarlet. (28 days). Grows 6 to 7 inches long, half out of the ground; is brittle and crisp; color bright scarlet, small top.

Early Scarlet Globe. (20 days). Fine for forcing and market gardening. Large roundish oval; brilliant red; flesh white, solid, crisp and mild.

French Breakfast. (25 days). A splendid half-long variety of medium size, crisp and tender, scarlet with white tip.

Hailstone The quickest maturing White Radish on record. It is ready for the table in 15 to 25 days. The roots are perfectly round, an inch in diameter, with snowy white skin and flesh. The flesh is crisp and solid.

Icicle. (25 days). Attains the best quality at about 4 inches long and remains crisp and sprightly an extremely long time; delightful flavor and transparent whiteness.

Round White Tip Scarlet. (21 days). A showy early round variety of medium size and excellent flavor.

White Strasburg. (48 days). Pure white, firm and brittle, and of fine quality. Withstands hot weather best of any sort. Slow to become pithy.

Winter Radishes

Besides their fall excellence, these kinds may be dug late and perfectly preserved for all-winter use as desired, by storing in boxes of dry sand in the cool frost-proof cellar. A favorite usage is to pare, slice, and serve in a weak brine, or in vinegar—like Cucumbers.

Long Black Spanish. (72 days). Firm, oblong, black, large size.

Round Black Spanish. (72 days). Large, round or turnip-shaped.

California Mammoth White. (65 days). Pure white.

SALSIFY Vegetable Oyster

CULTURE. Sow early in spring, in drills 1 foot apart and 1 inch deep, thinning the young plants to 4 inches. The roots will be ready for use in October, when a supply should be taken up and stored in moist sand in a cool room, the balance left in the ground until spring. One ounce to 100 feet.

Mammoth Sandwich Island. (95 days). White, tender, and of rich "oyster" flavor.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

SPINACH

Sow in drills 1 foot apart or broadcast 30 pounds per acre.

CULTURE. Select rich, well drained soil; the first sowing early in spring and at intervals of 2 or 3 weeks. Sow in August and September for early spring use, with winter protection.

King of Denmark. (45 days). Leaves very thick, dark green, curled or blistered, in low, compact tufts; early, yet remaining long before running to seed.

$\frac{1}{2}$ oz. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 50c.

New Zealand. (55 days). Strong growing all-summer variety; the young branches and leaves subject to daily picking. Sow thinly in drills 15 inches apart.

$\frac{1}{2}$ oz. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 90c.

Princess Juliana. (New). Has thick crumpled leaves. Stands better than most varieties and retains its crispness quite long after cutting.

$\frac{1}{2}$ oz. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 50c.

Round Thick Leaved. (45 days). Popular with our market gardeners. Leaves large, thick and fleshy; excellent for fall sowing, being very hardy.

$\frac{1}{2}$ oz. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 50c.

SQUASH

PRICE All varieties:
Pkt. 10c; oz. 15c.

Sow summer types in spring after ground is warm and settled; the winter varieties in late June.

Summer Varieties

Sow 1 ounce to 25 hills,
hills 4 feet apart each way.

Bush Fordhook. (55 days). In this new, true bush type the plants can be grown much more closely together. The fruits are shorter and thicker than the running type; also thicker fleshed with a smaller seed cavity; unsurpassed for baking, frying or making pies. $\frac{1}{4}$ lb. 45c; lb. \$1.25.

Giant Summer Crookneck. (65 days). Bright yellow; keeps bearing all summer. Plant farther apart than others. $\frac{1}{4}$ lb. 45c; lb. \$1.25.

Mammoth Yellow Bush. (55 days). A much enlarged strain of the early yellow bush scallop, quite prolific; average size 14 by 4 inches, and weight, 5 lbs. $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Mammoth White Bush. (50 days). Fruits round, white, deeply scalloped, lobes being in pairs; tender and delicious. $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Winter Varieties

1 ounce to 10 hills; 2 pounds to an acre;
hills 8 to 10 feet apart each way.

Delicious. (75 days). Medium size, dark green, with very thick flesh which cooks dry, of superior flavor. Best in winter. $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Table Queen. (80 days). 7 by 5 inches, a smooth, dark green with a red blotch at the pointed end; productive; choice quality. Cut in two, bake twenty minutes, and serve in the half-shell. $\frac{1}{4}$ lb. 50c; lb. \$1.50.

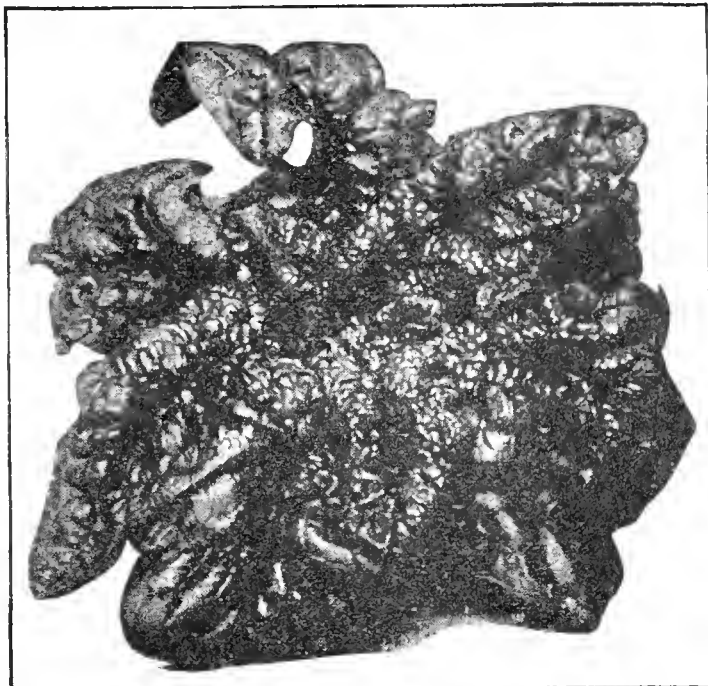
Hubbard. (110 days). Skin deep olive-green, flesh orange-yellow. Sweet, keeps well through the winter; boils or bakes dry. $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Blue Hubbard. Resembling the warted Hubbard, but excels it in flavor and dryness; blue-gray in color; very large. $\frac{1}{4}$ lb. 50c; lb. \$1.50.

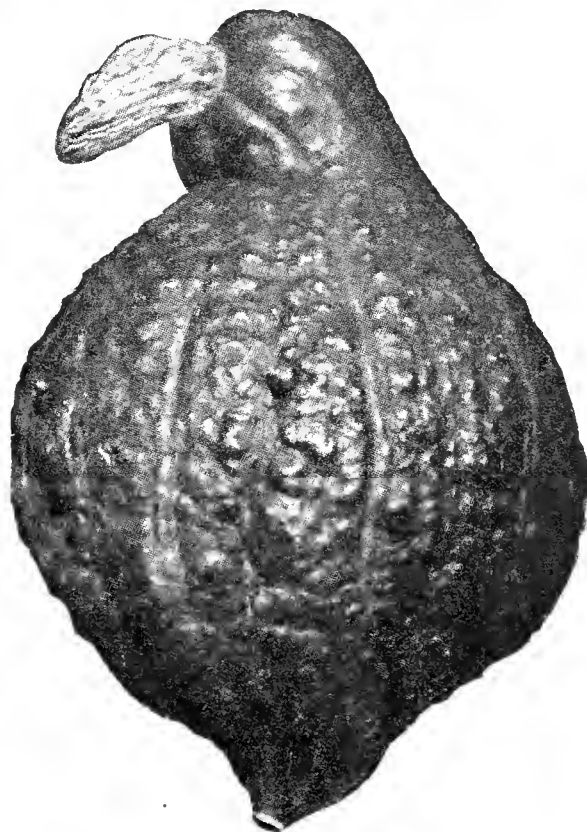
Golden Hubbard. (110 days). Deep orange, tipped green at each end; flesh golden yellow, of excellent flavor. $\frac{1}{4}$ lb. 45c; lb. \$1.25.

TOBACCO

Connecticut Seed Leaf. A popular cigar variety, also largely used for pipe smoking by those who prefer a home cured, natural leaf. Makes a large, broad leaf and is the only variety extensively grown in northern states. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c; oz. 60c.

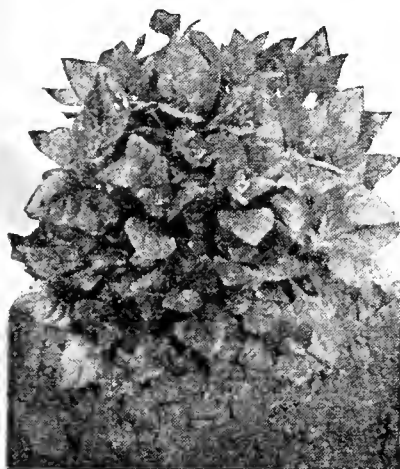


King of Denmark Spinach.

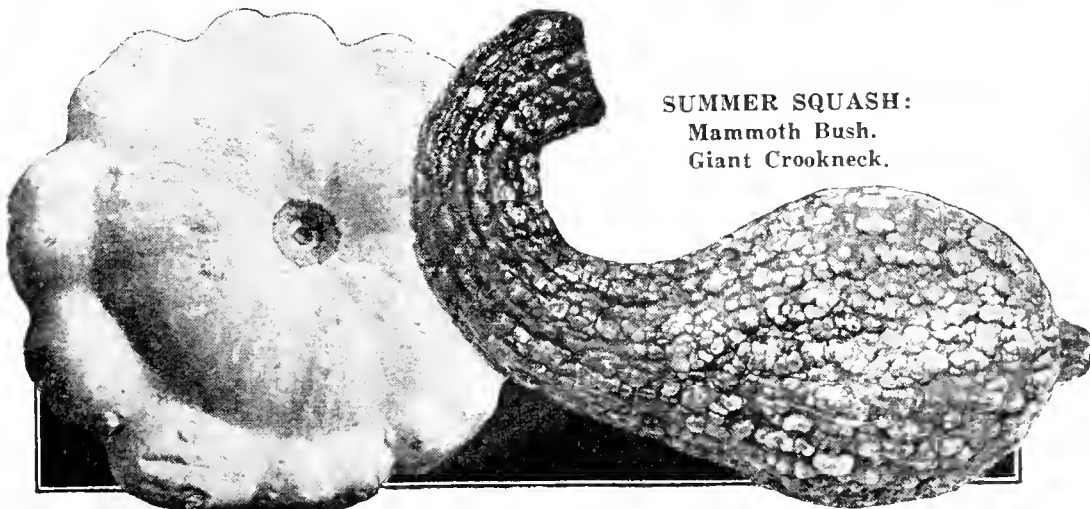


Hubbard Squash Type.

In Three Colors—Green, Blue, and Golden.



New Zealand Spinach.



SUMMER SQUASH:
Mammoth Bush.
Giant Crookneck.

TOMATOES

CULTURE. Sow in hotbeds during March. When the plants have 4 leaves, transplant 4 to 5 inches apart, in shallow boxes, and give plenty of air. Set out-of-doors as soon as danger from severe frosts is over. Seed may be sown in the open ground also at this time. Many planters prefer training the plants to stakes and keeping them pruned. Use stakes 2 inches square, 5 or 6 feet long. The main stem and two branches should be saved, cutting the others off just beyond the first cluster of blossoms. This treatment allows all the fruits to develop to perfection and none are lost from rotting on the ground. One ounce should produce 3000 plants.



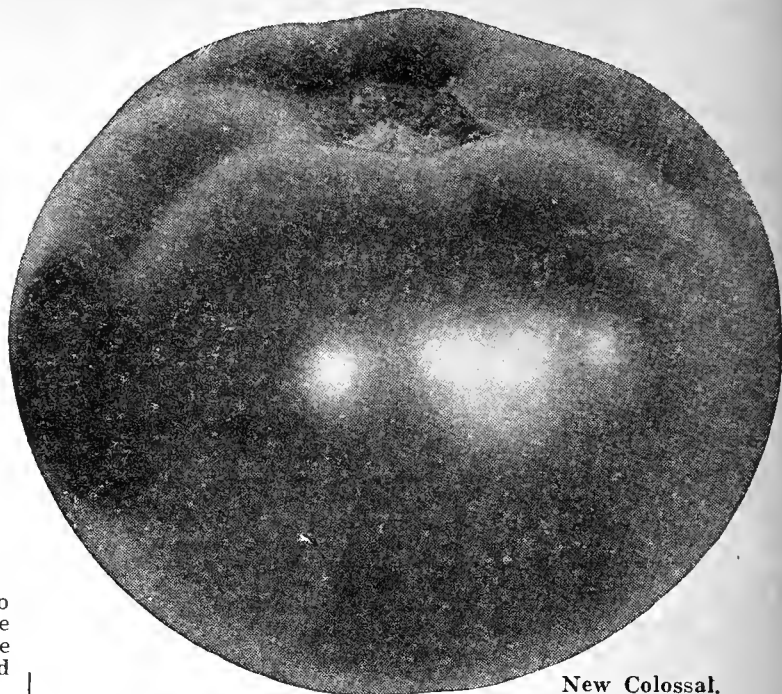
Marglobe.

Pink Skin Varieties

- Acme.** (100 days). Of spreading growth; producing abundant medium sized fruits of irregular shape, in clusters of three to five. Flesh dark red, fine in texture, slightly acid. Pkt. 10c; 1/2 oz. 25c; oz. 40c; 1/4 lb. \$1.25; lb. \$3.50.
- Cleveland Market.** One of the most satisfactory and productive; of finest quality; ripens evenly; midseason. Pkt. 10c; 1/2 oz. 25c; oz. 40c; 1/4 lb. \$1.25; lb. \$3.50.
- Early Detroit.** (90 days). Early, round, and very large size. Pkt. 10c; 1/2 oz. 25c; oz. 40c; 1/4 lb. \$1.25; lb. \$3.50.
- June Pink.** (85 days). Blight resisting, long and heavy yielding; a pink counterpart to the famous Earliana. Pkt. 10c; 1/2 oz. 25c; oz. 40c; 1/4 lb. \$1.25; lb. \$3.50.
- Oxheart** (120 days). A new variety of unique shape—like a big ox-heart, or a Delicious apple. Of large size, best quality, smooth, pink skin, few seeds; its supreme qualification is the broken cell structure, and the 1 to 2 inches of solid flesh before a seed is reached. A heavy yield. Pkt. 15c; 1/2 oz. 60c; oz. \$1.15; 1/4 lb. \$3.35.
- Ponderosa.** (110 days). In addition to ponderous size, it is very solid, with few seeds; a beautiful crimson throughout. Pkt. 10c; 1/2 oz. 45c; oz. 85c; 1/4 lb. \$2.50; lb. \$7.50.
- Truckers' Favorite.** (100 days). Flattened, smooth-skinned fruits 3 1/2 by 4 inches thick, attractive for the market. The flesh is meaty, very solid, and of excellent quality. Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.50.
- New Colossal** (110 days). One of the largest, heaviest and best Tomatoes, averaging 2 to 3 pounds. Close celled, firm flesh with remarkably few seeds, and little waste. Flavor sweet, cool and sprightly. Pkt. 10c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.50; lb. \$4.50.

Red Skin Varieties

- Bonny Best.** (88 days). Large, smooth scarlet fruit; thick, with a small core; slices well. Nearly globe-shaped, slightly flattened at stem. Ripen in clusters of five or six. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.00.
- Earliana.** (85 days). Remarkable for earliness, large size, uniform shape, solid fruit, attractive color and productiveness. Pkt. 10c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.35; lb. \$4.00.
- Break o' Day** (90 days). This new early Tomato—a cross between Earliana and Marglobe, is blight resistant, and has fruit as round and smooth as an apple, deep orange-red; within, the color is deep red and flesh is very solid, with thick walls and remarkably few seeds. Pkt. 10c; 1/2 oz. 25c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.50.
- John Baer.** (85 days). Very large, free from core, bright red. Very prolific, ripens evenly; never burst. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.00.
- Marglobe.** (95 days). Smooth, globular, meaty, almost coreless; deep scarlet; ripens uniformly; no cracking. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.25.
- Stone.** (110 days). A fine main crop for market or canning. Perfectly smooth, red fruit, very large, ripening evenly, and is free from rot, even in wet seasons. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.00.
- Wayahead** (85 days). Handsome, smooth, solid, red fruits like Earliana. A heavy cropper, with a vigor which keeps up the size even on the latest set fruits. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.25; lb. \$3.50.



New Colossal.

Large Yellow Varieties

- Golden Queen.** (90 days). Large yellow fruit; very sweet, almost free from acid; splendid for preserving or for slicing. Pkt. 10c; 1/2 oz. 30c; oz. 50c.
- Yellow Ponderosa.** (110 days). Identical with Ponderosa in quality and size but produces golden yellow fruits, exceptionally free from acid; most attractive to use in mixed color salads. Pkt. 10c; 1/2 oz. 40c; oz. 75c.

Small Fruited Yellow

- Yellow Pear.** (95 days). Small sized, pear-shaped fruits; a clear yellow. Very sweet and free from acid. Pkt. 10c; 1/2 oz. 40c; oz. 75c.

TURNIPS



Purple Top White Globe.

CULTURE. Turnips do best in a highly enriched, sandy, gravelly, or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to 6 or 8 inches in rows. For a succession sow at intervals of a fortnight until the last week in May. The early varieties are often broadcast between corn rows or sown as a catch-crop to succeed the early potatoes. From the last of July to the end of August sowing may be made for the fall and main crops. One ounce sows 100 feet of drill; 2 lbs. per acre in drills, 12 to 15 inches apart; 1 lb. 2 feet apart; 3 lbs. broadcast.

PRICE All Turnips, except noted, by mail, postpaid:
Pkt. 10c; oz. 15c; 1/4 lb. 25c; lb. 75c.

- Purple Top White Globe.** (70 days). The most popular Turnip grown either for table or stock; an excellent keeper. Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. \$1.00.
- White Egg.** (50 days). Quick growing, solid, firm, flesh fine grained, sweet and tender. Egg-shaped, skin pure white.
- Early Purple Top, Strap Leaved.** (55 days). Similar to Flat Dutch, but purple on top. Of excellent market quality. Pkt. 10c; oz. 15c; 1/4 lb. 30c; lb. 85c.
- Early White Flat Dutch.** (40 days). Extra early, flat, strap-leaved; mild, tasty. Use when small and tender.
- Orange Jelly or Golden Ball.** (70 days). A distinct, round yellow variety; one of the finest for family use. Flesh yellow, fine grained, sweet and tender; ideal for winter use.

RUTABAGA or SWEDE

- Improved Purple Top Yellow.** (95 days). Hardy and productive; flesh yellow, sweet and well flavored; shape slightly oblong terminating abruptly; color purple above and yellow under the ground; rich in flavor.
- Large White Rutabaga.** (90 days). (Sweet Russian). Excellent either for table or stock. It grows to large size; flesh white, solid, firm texture, sweet and rich; keeps well.



S. & H. LAWN GRASS MIXTURES

"Velvet Sod" A mixture of fine dwarf, close growing grasses, that will produce a neat, velvety lawn and permanent sod in a short time. Weight, about 25 pounds to the bushel. One pound will seed about 300 square feet; 80 to 100 pounds are required for an acre.

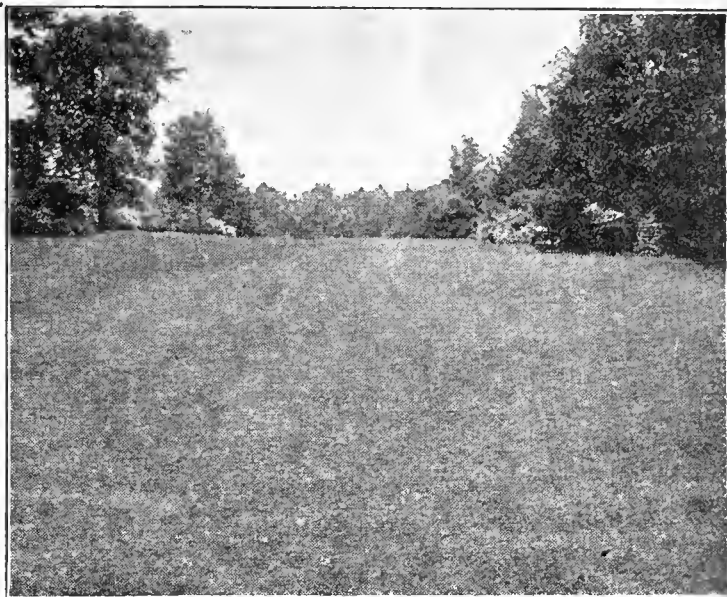
"Shady Lawn" A mixture of fine grasses which thrive under the shade of trees or buildings where there is little sun.

PRICES—Of Both Above Mixtures
By Mail, postage paid.

½ lb.	\$0.30	3 lbs.	\$1.45
1 lb. ....	.55	5 lbs.	2.00
2 lbs.	1.00	10 lbs.	3.75

By Express or Freight, not prepaid.

15 lbs. at	31c	20 lbs. at	30c
25 lbs. and over at	29c.		



How to Make a Lawn

The successful keeping as well as making of a beautiful lawn lies most largely in the thorough preparation before a seed is sown. If there is grading to be done, the top soil to the depth of 6 to 8 inches should first be removed, to finish with after the grade is complete.

This should be thoroughly harrowed and raked to reduce to as fine a condition as possible, as well as to level it, as nothing detracts so much from the appearance of a lawn as an uneven surface. Sow the seed as early in the spring as convenient, the earlier the better if the soil is in good condition, scattering it in both directions at right angles to each other, which will give a more even distribution. After the seed has been sown it should be raked lightly, then thoroughly rolled.

No one kind of grass will make a lawn that will keep green all through the season, but a mixture of several is essential. Our Velvet Sod Mixture is such a scientifically arranged combination, giving quick, sure and satisfying results unsurpassed by any general lawn mixture on the market.

Re-Cleaned Grass Seeds

Our grass and clover seeds will more than pass any State requirements as to purity, and will please the most critical buyers. We handle only the finest and cleanest grades procurable. So much depends upon grades that prices fluctuate.

We Do Not Guarantee Prices on Grass and Clover Seeds

Prices quoted by pound and 3 pounds are postage paid by us. Otherwise, unless noted, by express or freight collect.

Creeping Bent (*Agrostis stolonifera*). Golf has popularized this thickly rooting, densely creeping grass for putting greens. Makes a velvet smooth, low, thrifty lawn surface, sown 60 lbs. to the acre. One pound will sow 250 square feet.

By mail, postpaid: Lb. \$1.60; 5 lbs. \$7.00; 10 lbs. \$13.00.

By express or freight: 10 lbs. or more at \$1.20 per lb.

Kentucky Blue Grass Fancy Clean. Also known as June Grass, a valuable variety for lawns when mixed with other grasses, and especially valuable as a pasture grass. About 60 lbs. to the acre for pasture. Lb. 50c; 5 lbs. \$2.00; 10 lbs. \$3.75, by mail, postpaid. 10 lbs. and over, by express or freight, at 32c.

Red Top Fancy. Recleaned seed, 32 lbs. per bushel. Grows well in almost any soil and is valuable either for meadows, pasture or lawns, especially so for moist land. About 15 lbs. to the acre. Lb. 40c; 10 lbs. and over, by express, at 25c.

English or Perennial Rye Grass. A nutritious, quick-growing grass for meadows and pastures. It does well on sloping banks, as its roots are fibrous and matlike. Lb., 30c; 3 lbs., 75c. 10 lbs. and over, by express or freight, at 15c.

Hard Fescue. A splendid grass for golf links, tennis courts, etc.; will resist droughts. Sow 75 lbs. per acre.

Lb., by mail, 60c. By express, 10 lbs. and over, at 45c per lb.

Meadow Fescue or English Blue Grass

Especially suited for permanent pasture and is also fine for hay. Grows 2 to 3 feet high, but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it, and will stand freezing very effectively. About 24 pounds of seed are sown to the acre.

Lb. 45c. 10 lbs. or over, by express or freight, 30c.

Orchard Grass. Valuable for pastures, orchards or shady places. It grows rapidly and does not suffer from close feeding. If sown alone, use 40 lbs. to the acre. Lb. 40c; 3 lbs. \$1.00. 10 lbs. and over, by express or freight, at 25c.

Poa Trivialis (Rough Stalked Meadow Grass). No grass is better adapted for pleasure grounds, particularly under trees, as it will form a fine sward where few other grasses can exist. Good for dry ground under bay windows, overlapping roofs and shady side yards.

Lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.00, by mail, postpaid.

10 lbs. or more, by express or freight, at 45c per lb.

Timothy (*Phleum pratense*). Of the easiest cultivation and with us is usually sown in connection with winter grain in the fall, to which a seeding of Clover is added early in the spring. 40 lbs. to the acre.

Lb. 45c, postpaid. Write for price on quantity lots.

S. & H. SELECTED CLOVER SEED

Alfalfa (*Lucerne*). Northwestern grown. For bringing up poor land it is the best of the Clovers, as it not only produces large masses of foliage but forces its roots deeply into the earth. On land that is not naturally rich it needs fertilizing to help it get started. If there is no lime in the soil a top dressing of it should be given when the land is plowed. For inoculation, see "Nitragin" offer, page 16. It should be mowed often enough during first season to keep the weeds down, being careful to cut above the crowns of the Alfalfa plants. Not adapted to low, wet land. Lb. 45c. Write for samples and prices on larger quantities. Sow early in spring or fall at rate of 20 lbs. per acre.

Alsike (*Swedish*). An excellent variety, of luxuriant growth and very sweet; valuable for pasture or ensilage, especially on moist land; makes good bee forage. Sow 5 to 6 pounds per acre. Lb. 40c. Write for prices.

Scarlet or Crimson Clover Brilliant scarlet flowered annual; very productive and greedily eaten by cattle, remains green longer than the red variety, and is excellent for bee food. Largely used for green manuring; sown in August it may be plowed under the following June. Sow 15 pounds per acre. Lb. 45c. 10 lbs. and over, by express, at 25c.

Sweet Clover (*White Blossom*). (*Melilotus alba*). This legume is native to all parts of this country and is the most beneficial of all crops for building up wornout land. Thrives on all soils but like all Clovers, requires lime, which should be supplied on land where it is lacking. Makes fine pasture for bees and good quality of hay relished by all stock. Does best when seeded alone. Sow in spring or fall. Twenty to thirty pounds are required per acre. Lb. 35c. 10 lbs. and over, by express, at 18c.

White Dutch Clover Excellent for lawns in mixtures with grasses. A good pasture Clover. Sow at the rate of 6 to 8 pounds per acre. ½ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.25, by mail, postpaid. 5 lbs. and over, by express, at 40c.

Medium Red Clover This is regarded as the most valuable of the Clover family. It is sometimes called June Clover and is a dependable all-around variety for farmers and stockmen. It makes 2 crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the spring or fall, and if no other grasses are used, at the rate of from 8 to 12 pounds to the acre, according to quality of seed used and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil but enriches it. Lb. 45c. For quantity, write for prices.

INOCULATE Clover and Farm Seeds. A good way to increase your crops.

S. & H. FARM SEEDS

Prices per single lb., and 3 lbs. where listed, are postage paid by us; in larger quantities by express or freight, purchaser pays charges. Prices subject to market changes.

Canada Field Peas Field Peas make a very valuable crop. They can be fed in mixture to all kinds of live stock and are very valuable as nitrogen fixers, leaving the soil from which a crop of Peas has been harvested richer in nitrogen than it was before. Sow alone at the rate of 3 bushels per acre or with oats, for fodder, at the rate of 2 bushels of Peas and 1 bushel of Oats per acre. By freight or express, collect: 10 lbs. at 12c per lb.; 60 lbs. at 11c per lb.; 100 lbs. at 10c per lb.

Tennessee Millet No other plant that has yet been introduced for grass or forage has been able to produce anything approaching the enormous yield of Millet when grown under favorable circumstances. The seed we offer is genuine Tennessee grown, of the finest quality. There is a wonderful difference in true Southern grown Millet when compared with the cheap Western grown. True Southern Millet will produce double the amount of hay produced from Western grown seed. Sow for feed 1 bushel to the acre. Lb. 35c, postpaid.

Japanese Millet This grows 6 to 8 feet high, stands remarkably well, and yields from 10 to 12 tons green fodder per acre. It may be sown from the middle of May to the first of July, broadcast at the rate of 15 pounds per acre. Lb. 45c, postpaid.

Hairy Vetch (Vicia Villosa). This legume is rapidly springing into favor in the North as a fall soiling crop. Grows luxuriantly and is one of the greatest nitrogen gatherers. Requires no special soil preparation, neither is it particular as to soil, and is therefore very valuable for bringing up poor land. Makes a valuable and nutritious hay. If used for this purpose it should be cut in the spring when seed pods, which resemble small Peas, are just forming. Its feed value is equal pound for pound with prime wheat bran. In the latitude of northern Ohio, Vetch should be sown by September 15th, to get well started that fall. Farther south it may be sown later. 30 to 40 pounds to acre. Lb. 40c; 3 lbs. \$1.10; 10 lbs. and over by express, at 25c per lb.

Peanuts (Valencia). A very desirable and productive Spanish bush type. Mild, sweet flavored, bearing 3 or 4 peas in each hull. Pkt., 10c; 1/2 lb., 20c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.25, all postpaid.

Rape (Dwarf Essex). Extensively grown for forage, especially for sheep; makes excellent green feed for poultry. They can be turned into it within 6 or 8 weeks after sowing. Cattle and sheep are apt to bloat if the leaves are wet or they are turned in hungry and allowed to fill themselves. Sow in June or July, in rows 2 1/2 feet apart at the rate of 5 pounds of seed per acre, or may be sown broadcast at the rate of 8 pounds per acre; it may be sown in April with Oats, for an early crop after the Oats are cut. Lb., 35c; 3 lbs., \$1.00. By express, 10 lbs. and over, at 12c.

Sunflower (Mammoth Russian). Of considerable value as a poultry food. Many people insist it clears the air of malaria germs. In small gardens the heavy, erect, growing stalks may be utilized for supporting Kentucky Wonder or other Pole Beans. Lb. 30c. By express, 10 lbs. or over, at 15c.

Sudan Grass This forage crop is of immense value to the South or any section not sufficiently supplied with rainfall. It is a great drought resister and makes an excellent quality of hay. Grows from 5 to 9 feet tall and stools freely when given plenty of room after cutting.

Do not sow until the ground has become thoroughly warm. 16 to 24 pounds to the acre broadcast, or 4 to 6 pounds in drills, 18 to 24 inches apart. Lb. 35c; 3 lbs. \$1.00. By express, 10 lbs. or over at 20c.

Sweet Corn for Fodder

There is nothing better for green feed or curing for forage than Sweet Corn. Cattle highly relish it and keep in fine condition when fed upon it. Dairy cows which receive a regular ration of corn fodder give an abundance of milk. Also excellent for soiling. Sow thickly in drills, or broadcast at the rate of 2 bushels per acre. 5 lbs. 85c; 10 lbs. \$1.50, by mail, postpaid. 10 lbs. by freight or express, 12c per lb.; 100 lbs. at 10c per lb.



INOCULATE! Clover and Farm Seed



NITRAGIN is a granular, MOIST soil-like culture packed in tins. Easy to apply. Directions on every can.

Culture "A"—Alfalfa, all Sweet Clovers, including Hubam and Bur Clover.

Culture "B"—Clovers—Red, Mammoth Red, Alsike, Crimson, and White.

Culture "C"—Field and Garden Peas, Vetches (all kinds) Broad Bean, Sweet Peas, Perennial Peas.

Culture "D"—Field and Garden Beans (including Navy, Kidney, and Scarlet Runner Beans).

Culture "E"—Cow Peas, Lima Beans, Velvet Beans, Partridge Peas, Japan Clover, and Peanuts.

Culture "S"—Soy Beans (all types).

PRICES on above Cultures, POSTPAID

Culture A, also Culture B:

1/2 bu. size—inoculates 30 lbs. of seed\$0.35

1 bu. size—inoculates 60 lbs. of seed65

Culture C, also Culture D:

1/2 bu. size—inoculates 30 lbs. of seed35

1 bu. size—inoculates 60 lbs. of seed50

Culture E, also Culture S:

1 bu. size—inoculates 60 lbs. of seed35

2 bu. size—inoculates 120 lbs. of seed65

5 bu. size—inoculates 300 lbs. of seed ... 1.40

Nitragin for the Garden

For Peas, Beans, Lupines, and Sweet Peas (4 in one). Inoculates from 1 ounce to 8 pounds of seed. Insures quality better, crops larger, and growth faster.

Garden Size Package Postpaid,

25c

Guaranteed for 1 year; every package stamped with expiration date, also Germ count when packed.

Important: When ordering, state which culture, also what seed to inoculate.

Insecticides and Fungicides

Arsenate of Lead Powder Arsenic is the poisoning agent, and Lead which

holds the poison upon the foliage and counteracts possible damage to the leaf itself. An efficient destroyer of all leaf-eating insects which attack either fruit or shade trees, shrubs, flowers or vegetables.

By express only. 4-lb. cartons, \$1.75; 1-lb. cartons, 50c.

Bordo Powder Powdered Bordeaux Mixture; non-poisonous, but of great effectiveness when applied against black spot, mildew, and all fungous diseases. By express only. 1-lb. carton, 50c.

Niagara Nicotine Powder An easily handled, fine powder. Destroys sucking insects; combats Thrip, Aphis, Spiders, etc. By express only. 1-lb. package, 60c; 5-lb. package, \$1.65.

"Nico-Fume Liquid" A highly concentrated liquid Nicotine solution for fighting sucking insects, such as Thrip, Aphis and Spider. Use 1 to 2 teaspoonfuls to a gallon of water, in a fine spray and with as much force as possible. Being highly poisonous, it must be stored in a safe place away from children. By express or freight only. 1-lb. can, \$2.35; 4-lb. can, \$8.50.

"Stop-Vermin" for Plants For Underground Use; For Insects on Plants;

For Fungus and Disease on Plants; For Poultry and Live Stock. "Stop-Vermin" will prevent ravages of maggots, root-worms, cut-worms, grubs, striped beetles, squash bugs, cabbage worms and all other insect pests, which eat the leaves, stems or roots. It is easily applied and economical to use, a great help to people who have been unable to grow Radishes, Turnips, Onions and other root crops because of maggots. Simply sow in the ground with the seed, or mix it with the seed and sow with a seed drill. A leaflet describing the hundreds of uses of Stop-Vermin, with each order. Prices, by mail, postpaid—1 lb. 60c; 5 lbs. \$2.25. By express or freight, not prepaid—10 lbs. \$3.50.

Hyper-Humus The New Safe Fertilizer

Makes garden soil more active. Makes plants germinate better. Produces more and crisper vegetables. Makes lawns greener and flowers brighter. Not a plant "stimulant," but a soil builder. Unlike chemical stimulants which accomplish speedy plant growth at expense of the soil, Hyper-Humus becomes an active part of the soil itself, rich in the soil-building and bacteria encouraging materials prescribed by Nature. It is, therefore, permanently constructive, a rich, black, moist, natural compost. Hyper-humus will not burn your lawn. It is clean, odorless, free from weed seeds, and is Nature's sponge in the soil; gathering and retaining moisture; separating the particles of heavy clay; binding together the sandy particles. Hyper-Humus can be applied at any desired time for gardening purposes. Spread it on the ground and rake or dig it in the same as fine manure or peat. Thoroughly mix with soil in the row or hill before sowing the seeds.

For new lawns, mix in H-H at rate of 1 to 3 lbs. per square foot if loam, or 2 to 4 lbs. if clay or sand. For old lawns, deeply rake in 1 to 2 lbs. For garden or flower beds, 2 to 3 lbs. in loam, or 3 to 4 pounds in clay or sand.

PRICE: 10 lbs., 70c, postpaid.
By Freight:
25 lbs. \$0.75
50 lbs. 1.25
100 lbs. 2.00
500 lbs. 9.50

"Watch-em-Grow"

Plant Food

A quick-acting, perfectly compounded Plant Food giving us one of the best balanced fertilizers possible to secure.

Use it on your house plants, as follows: Dissolve a teaspoonful in a cup of hot water, afterwards pouring this into one gallon of cool water. Then apply this mixture. For a 6-inch pot plant, use a pint of mixture once each week until you note improvement; then once in 2 weeks, and occasionally thereafter.

In repotting plants, use a teaspoonful dry, thoroughly mixed throughout 4 quarts of potting soil. In the garden, it may be used in the same way as recommended for pot plants.



8-oz. can, 50c.
Trial pkg., 10c.



VIGORO

Specially Prepared Plant Food

Feed your vegetables. Like all living things they will grow better and faster if given the proper food.

Lawns and flowers respond quickly to a balanced plant food—grass of deep velvety green, flowers of rich color that bloom longer.

Vigoro, the complete plant food, meets these demands. Odorless and easy to apply, it furnishes to plant life all of the different elements necessary for normal, healthy growth.

Vigoro should be used at the rate

of 4 pounds per 100 square feet (10 ft. x 10 ft.) in the spring and fall. Use one-half this amount for summer feeding.

It is inexpensive, too; only 10c to 20c for each hundred square feet. Complete directions in every bag.

PRICES

Freight or Express,
Not Prepaid.

100-lb. bag \$4.00
50-lb. bag 2.50
25-lb. bag 1.50

Sheep Manure

The Efficient Fertilizer

Pulverized Sheep Manure is an efficient fertilizer to use on lawns, in the garden, the perennial border, shrubbery beds, small fruit garden, flower beds, etc. It is safe and dependable. A natural plant food and not a chemical stimulant. Every amateur gardener can get results with Wizard.

Price: By express or freight only, not prepaid—5 lbs., 40c; 10 lbs., 60c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.75. Cannot be sent by mail.



TO CREATE ACID SOIL

Aluminum Sulphate

In quick preparation of an acid soil for Rhododendrons and other Broad-leaf Evergreen Shrubs, the most efficient and readily available chemical agent is commercial alum or "Aluminum Sulphate." The amount required to overcome the existent alkaline or limy soil condition, varies; but is roughly ½ to 1 pound per square yard, scattered over the surface. Repeat every six months. If the only available water for sprinkling is too hard and alkaline, barrel it and treat with this chemical.

By mail, postpaid, 5 lbs. 75c; 10 lbs. \$1.40.

By express, not prepaid, 5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$1.75.

Sulphate of Ammonia

A nitrogenous plant stimulant, very quick in action, tending to make soil acid. Increases leaf-growth. Much used on lawns, which it not only feeds, but weeds are discouraged: when top-dressing lawns apply 1 ounce per square yard or 350 pounds to the acre, but first mix with several times its bulk of soil or sand. Between rows of Spinach, Lettuce, Cabbage, etc., 3 pounds to 100 running feet may be broadcast and hoed in. As a liquid stimulant dissolve 1 ounce in a gallon of water and apply to the roots.

By mail, postpaid, 5 lbs. 90c; 10 lbs. \$1.50.

By express or freight, not prepaid, 5 lbs. 65c; 10 lbs. \$1.00; 25 lbs. \$2.00.

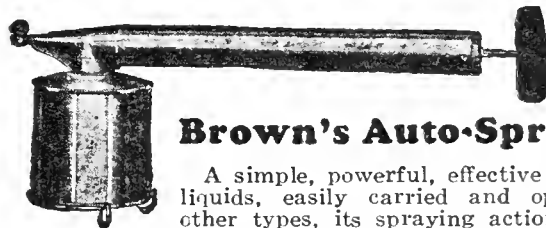
Carter Lever-Spray Hose Nozzle

Hand pressure regulates the flow. Fits the hand. Gentle pressure of thumb on lever gages the desired stream.

By releasing the pressure, water is shut off automatically. No leakage to wet the hands or clothing. If the phone or door-bell rings, just let go, drop the hose and run. For steady sprinkling, find the proper stream, turn a set-nut and hold or leave it without further attention. This new Nozzle is constructed of nickel-plated, non-rustable material, with bronze spring, knurl nut and other parts of brass, dependable for years of trouble-free service.

Price, \$1.00 each, postpaid.

SPRAY PUMPS



Brown's Auto-Spray Pumps

A simple, powerful, effective spray pump for liquids, easily carried and operated. Unlike other types, its spraying action is continuous; thereby doubling the speed and effect with no greater effort. Filling and cleaning are extremely simple. Two nozzles are supplied, one for straight away, and one for angular spraying.

By Mail, Postpaid:

Auto-Spray No. 26-A. All tin, 1 quart, \$1.25.

Auto-Spray No. 26-B. Tin pump, brass tank, 1-quart capacity, \$1.50.

MYERS BUCKET PUMPS

Constructed entirely of brass, with malleable iron foot rest. Will throw a solid stream 50 feet; valuable for spraying trees, washing windows or buggies, extinguishing fires, sprinkling lawns or flowers, etc. One superior feature is the extra jet for keeping the spray material mixed and agitated.

Little Giant. (No. 327½). The down stroke does all the work; spray is continuous regardless of plunger action. Price: The pump with agitator complete with hose and combination fine, coarse-spray and solid stream nozzle, \$3.50.

Cog Gear. (No. R-324). 1½-inch brass cylinder and patent cog-gear handle makes easy work and extra capacity. Price: The pump with agitator, complete with detachable hose and graduating fine, sprinkling and solid stream nozzle, \$5.25.



A Dose on the Surface Kills the Ants in the Nest.

Squeeze It from a Tube. Use What You Need—No Waste. Clean, Cheap, Effective, Quick Results.

"Ant Bait" is non-poisonous, a 1% Thallium Sulphate Jelly. Put up in handy tubes, application is extremely simple. Place feedings where ants are running, indoors or out. A dose of "Ant Bait" wipes out small new nests overnight. It may take 2 or 3 days and another dose for large nests. Although designed specifically for ants, it is remarkably effective against Roaches, Silverfish, Rats, and Mice. One of the newest and most effective agents for vermin control known to science.

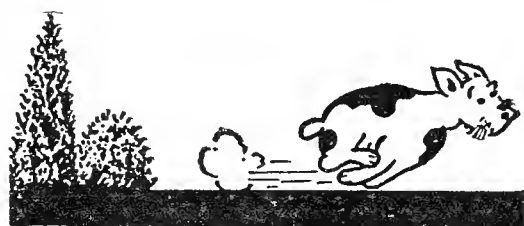
Garden Size
Tube (1½ ozs.)

55c

By mail,
postpaid

The "Faultless" Sprayer No. 1

This is absolutely the best small, simple mist sprayer for general use against insects, on the market. Made of tin, substantially jointed and reinforced; greatest durability and spraying force in its class. Adapted for throwing either liquids or dry powder. 75c by express, or \$1.00, postpaid.



"DOGZOFF"

If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellent and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted.

"Dogzoff" is applied with any small insect sprayer and one application usually does the work.

"Dogzoff" will save its cost many times over around the garden and home.

Price for
Season's Supply

70c
Prepaid.

National HOME UTILITY Eazy Wear Gloves



HERE IT IS

Just what you have been looking for!

A Soft—pliable—ALL WEATHER—dirt proof glove for both men and women. Cling to the hands and give you practically BAREHAND FREEDOM. Specially adapted for general home use such as—

**GARDEN,
GARAGE,**

FURNACE,

DRIVING,

MOWING THE

LAWN,

HOUSEWORK,

ETC.

Soft as Kid

Washable

The unusual quality of extreme softness and pliability in this all-leather glove is the result of a special processing of a select imported leather.

This adds comfort to protection, in doing the countless daily tasks which contact the hands with dirt, cold or roughness—without loss in dexterity.

Eazy-Wear gloves are also favored by workmen such as painters, carpenters, mechanics—who require free and unhampered use of fingers and hands but must have all-leather protection.

ORDER BY SIZE

Women's Large, Medium or Small Men's Large, Medium or Small

Each Pair in a Cellophane Container.

ONE PAIR **75c** OR TWO PAIRS **\$1.40**

Postpaid to You.



PROTECT your HANDS

BOOKS

ON ALL GARDENING SUBJECTS. A More complete list mailed on application. Prices are all Postpaid

Landscaping the Home Grounds

L. W. Ramsey

170 pages, 175 illustrations. A fine understandable description of artistic theory and practical execution. Applies to small or large grounds. Outstanding in its helpfulness. **\$2.15**

Lawns

F. F. Rockwell

Simply written to instruct the amateur in every process of preparation, making, maintenance and preservation of beautiful lawns. 87 pages, 39 illustrations. **\$1.40**

The Rock Garden

Louise Beebe Wilder

230 pages, fully illustrated. Clear, definite instruction as to construction, materials, planting and maintenance, with 200 rock plants listed. A difficult subject well handled by an artist. **\$1.60**

GARDEN MAINTENANCE

H. Stuart Ortloff and Henry B. Raymore

Tells how to prune, fertilize, spray, and care for flowers, trees, shrubs, and lawns. A valuable authority on gardening problems and arrangements. Well illustrated. Cloth. **\$2.65**

How to Grow Roses

Pyle-McFarland-Stevens

The new book by three of America's foremost Rose authorities. Up-to-date in every particular, and dependable. 211 pages, 138 pictures (45 of them in colors). **\$2.15**

1001 GARDEN QUESTIONS ANSWERED

Alfred C. Hottes

Over 1000 questions such as you would ask about gardening problems every day. The answers are clear, simple and helpful—by an authority. Well illustrated. The amateur's real friend. **\$2.15**

The Book of Perennials

Alfred C. Hottes

For both amateur and professional. Growing, using, selecting and propagating perennials, with classified lists of material by all uses. Over 125 separate species described. **\$2.15**

FLOWER SEED

FLOWERS are easily raised from seeds. The seeds we offer are the products of the best American and European growers; no better strains available. Complete directions for sowing are printed on each packet.

CLASSIFICATION: Flowers are known as Annuals, Biennials, and Perennials.

Annuals bloom and ripen seed the first year, then perish.

Biennials seldom bloom the first year, but attain perfection the second year.

Perennials * flower several years in succession, many blooming the first year from seed sown early, and are used for permanent plantings.

WHEN TO SOW SEED: Hardy Perennials and Biennials may be sown either in early fall or spring and require no protection through the winter.

Hardy Annuals may be sown either in late fall or spring. But no spring sowing of any class should be done until frost is past and the ground mellow.

A tabulated list of Perennials and Hardy Biennials may be found on page 31.



Anchusa Dropmore.

PRICES Seeds ordered in packets are delivered by mail, postpaid, at prices named in descriptions.

MARKS: () Hardy Perennials are listed with a (*) in the following pages.

†This mark (†) designates plants specially adapted for cut flowers.

AGERATUM

Little fluffy, bristly balls of color in sizeable clusters, liberally supplied from early summer until autumn. Being low and compact, they are mainly utilized for edgings or narrow borders. Half hardy annual.

Blue Perfection. Deep amethyst-blue flowers in large clusters. Very even in growth, about 12 inches high. Pkt. 10c.

Tom Thumb. 6-inch. Bright blue. Pkt. 10c.

ALYSSUM

Hardy annual. White, sweet scented edging and basket plants. For borders, sow thickly; for winter bloom sow in August and transplant to pots.

Little Gem. Makes a perfect "carpet of snow" not over 4 inches in height, commencing to bloom in spring when very small, and continuing without interruption until late fall. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c; oz., 60c.

Sweet Alyssum. Not over 6 inches high on account of its trailing habit; fragrant. Pkt. 10c; ¼ oz. 15c; oz. 25c; ¼ lb. 75c.

*ANCHUSA DROPMORE

Grows bushily to 4 or 5 feet with broad rough foliage. Breaks out all over with showy clusters of deep gentian blue, in spring an almost solid mass of color, with intermittent flashes throughout the summer. Perennial.

Pkt., 10c.

†ANEMONE CORONARIA

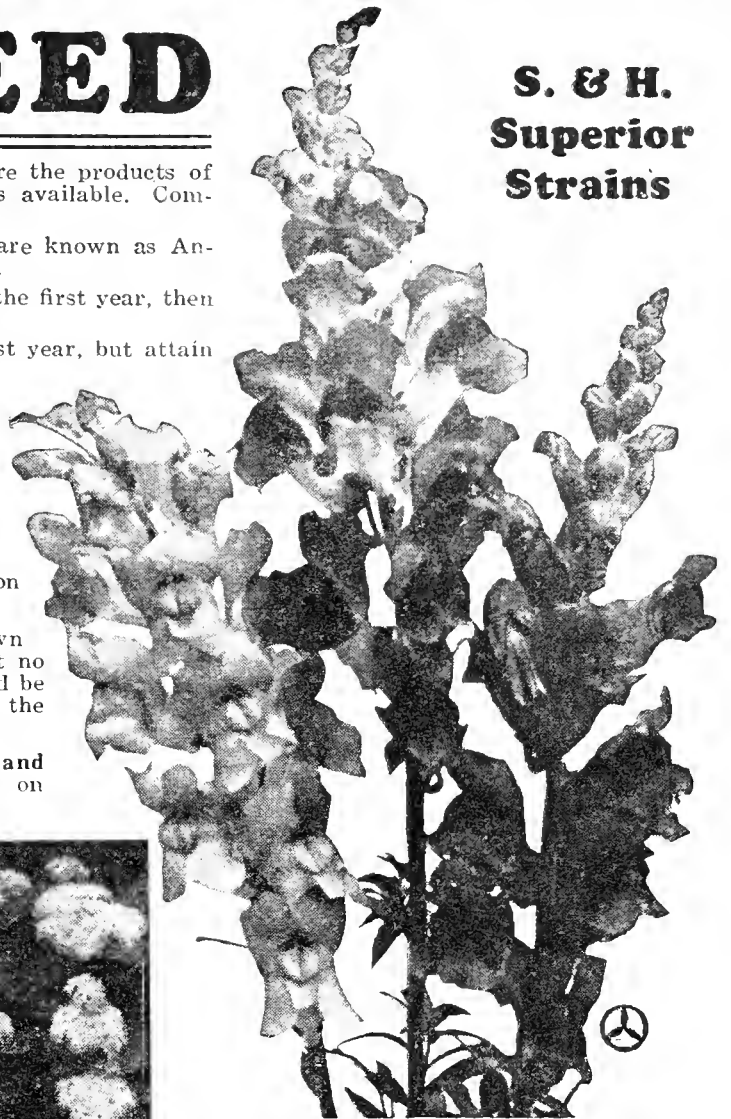
A delightful poppy-like type belonging to the early and late fall. Its bloom is solitary but numerous, large, on slender stems, ideal for vase bouquets. Perennial, blooming the first year if sown early and shaded until plants appear. Mixed colors. Pkt. 10c.



Ageratum.



Sweet Alyssum.



Giant Snapdragons.

†ANTIRRHINUM [Snapdragon]

Snapdragons are among the most popular bedding plants; the richness and diversity of their colors, their great freedom and protracted blooming season giving them great value for garden color masses, as well as for cutting. They have dark glossy leaves; and pea-shaped flowers with uniquely marked throats, set densely in long, upright racemes. They bloom in July from seed sown outdoors in early May; but for earlier bloom, seed should be started indoors during March. Succeed best in dry loamy soil.

†ANTIRRHINUM MAXIMUM

New Race of Snapdragons. 3 feet. This large flowering group of Snapdragons far surpasses all other varieties we have yet offered. They are tall growing and the flowers are of magnificent size, closely placed on the spikes. Finest Mixed. Pkt., 10c; ⅓ oz., 25c; ¼ oz., 45c.

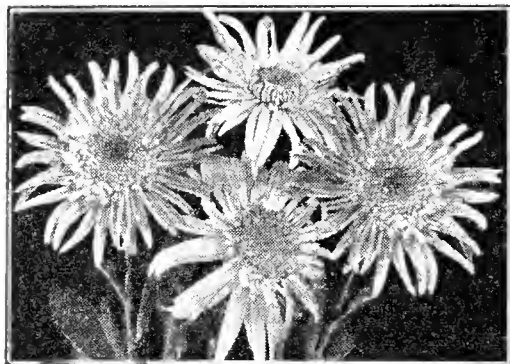
†TALL SNAPDRAGONS

Majus Grandiflorum. About 2 feet. A splendid mixture of colors—white, various shades of pink, yellow to orange, and all red shades. All kinds together. Mixed. Pkt., 10c; ⅓ oz., 20c; ¼ oz., 35c.

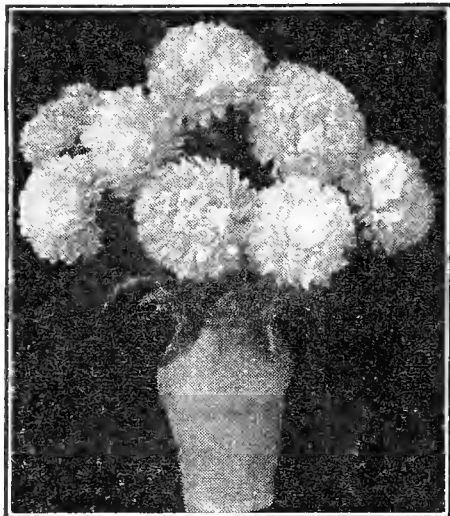
†HALF-DWARF SNAPDRAGONS

Nanum Medium Mixed. Of stocky growth with magnificently colored, very large spikes of flowers. Far superior to tall varieties for bedding as they are more compact and have fully as large flowers. (All colors). Pkt., 10c; ⅓ oz., 20c; ¼ oz., 35c.

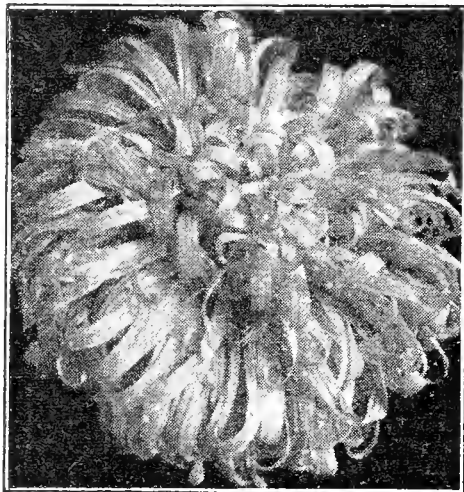
S. & H. † ASTERS



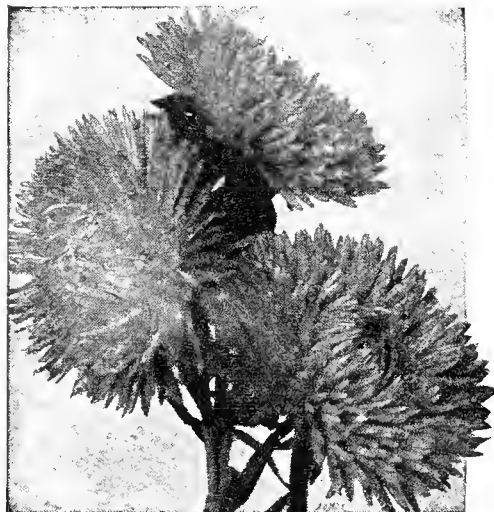
Giant California Sunshine.



Queen of the Market.



California Giant.



King Asters.

Asters are among the most popular and easily grown of all of our annuals. By making a sowing of each of the various sorts, a continuance of flowers may be had from early Summer until frost. For early flowers, sow the seed in house or greenhouse during March or April and transplant to the open ground in May. For late flowers, which are the finest, sow thinly in the open ground early in May, transplanting as soon as plants are large enough. Half hardy annuals.

Early Asters. First bloom in July.

Queen of the Market Earliest of all the Asters, flowers characteristically perfect in form. Grow about 12 inches high and very branching; the flowers on long stems valuable for cutting. Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

"Lady Roosevelt" One of the finest of recent introduction; perfect in shape and Comet type; color a magnificent rose-pink; long strong stems and for cutting has no superior. Our seed comes from selected stock and is of first quality. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Extra Early Express (Comet)

These extra early Asters, of the well known Comet type, are the largest early Asters grown. Well developed flowers range from $3\frac{1}{2}$ to 4 inches across, very free of yellow centers and borne upon stems of good length. Plants reach a height of about 18 inches. Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 25c.



Crego Asters.

Midseason Asters. Commencing to bloom in August.

Giant California Sunshine A direct cross between the well-known California Giants and the dwarf, much-branched Sunshine type, hence the name. Plants of this new race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter. Mixed. Pkt., 15c; $\frac{1}{8}$ oz., 35c.

California Giants A new derived type with giant 5- to 6-inch flowers expressing the popular Crego or Ostrich Feather style, coupled with the more robust habit and greater length of stem characterizing the Beauty class. This welding of types benefits its value for cutting, enabling their extreme size and perfection to be used in vase and floral work where the ordinary stems would not give sufficient support. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

Crego This section produces the largest flowers of the Comet type; very full and fluffy, around 5 inches in diameter. When cut, this group outlasts all others of this type. Mixed. (All colors). Pkt. 10c; $\frac{1}{8}$ oz. 20c.

King Type This type is quite distinct owing to the very double petalage, which is characteristically quilled, at times almost needle-like. They are strong and sturdy, averaging 18 inches in height; with an abundance of large, perfect flowers for 3 months. Finest Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

"Sensation" This is a new variety, genuinely red. In shadow, its color tone is deep garnet, or oxblood red; but sunshine brings out the life and brilliancy of fire. Its flowers average about $3\frac{1}{2}$ inches across, borne very freely throughout August and September on 12-inch stems. The plants are quite branchy, about 18 inches high. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

WONDER Aster Collection

QUEEN OF THE MARKET MIXED. Earliest of all Asters. 12 in. high; very branching; long stems; valuable for cutting. 1 pkt. 10c.

EXTRA EARLY EXPRESS MIXED. Extra early, Comet type. Flowers $3\frac{1}{2}$ to 4 in. across, stems of good length. 18 inches tall. 1 pkt. 10c.

THE ROYAL MIXED. A new class of American Aster. Medium early. 1 pkt. 10c.

GIANT OSTRICH FEATHER MIXED. Long stems, making fine cut flowers. 1 pkt. 10c.

CHINESE SINGLE ASTERS MIXED. Large, Daisy-like flowers; yellow centers. Free flowering. 2 feet. 1 pkt. 10c.

**1 PKT. EACH
Postpaid for 30c**

Late Asters. In prime from September on.

"Heart of France" This new late Aster opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The flowers are large and full, with never a trace of hollow center, larger than any other dark sort. The plants are of branching type and very robust habit, 24 inches high. The stems are long and strong and have very few laterals. The plants begin to bloom quite early, open fully with the midseason varieties, but reach their supreme glory in September. Pkt., 10c; 1/8 oz., 25c.

Late Branching A useful class for bedding, the strong, branching plants 2 to 2 1/2 feet high. The flowers are very large and double (5 inches wide), with long, strong stems, making splendid cut flowers. **Late Branching Mixed**, Pkt., 10c; 1/8 oz., 20c.

**TRIAL GROUND
ASTER MIXTURE**

This contains many unnamed trial varieties, and surplus from new introductions; pleasing variety of flowers.

PKT.
10c
or
1/8 OZ.
20c



Late Branching Asters.

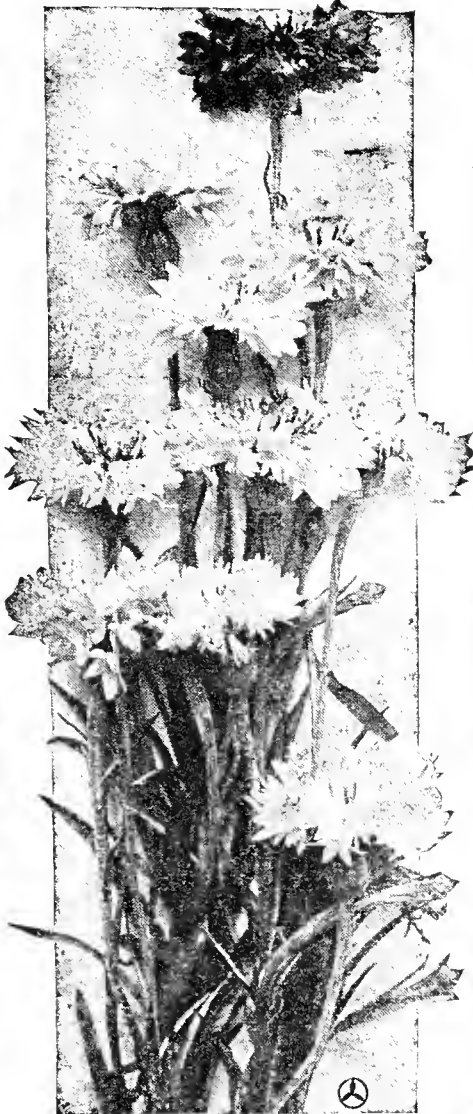


Aster,
"Heart of France."

†ARCTOTIS AFRICAN DAISY
Grandis. 2 to 3 feet high. A useful and charming cut flower from June till after hard frosts; lasting a week or two in water, undeveloped buds opening up perfectly if kept in the sun. The Daisy flowers are glistening white on the face, under surface pale lilac-blue. Pkt., 10c.



Arctotis or "African Daisy."



**†BACHELOR
BUTTON**

Pretty 2-ft. border plants, and reliable cut flowers. Hardy annual. In an established bed these are perpetual and enjoyable; in bloom for Memorial Day.
Double Blue. Pkt. 10c; 1/4 oz. 25c.
Double Mixed. Pkt. 10c; 1/4 oz. 25c.

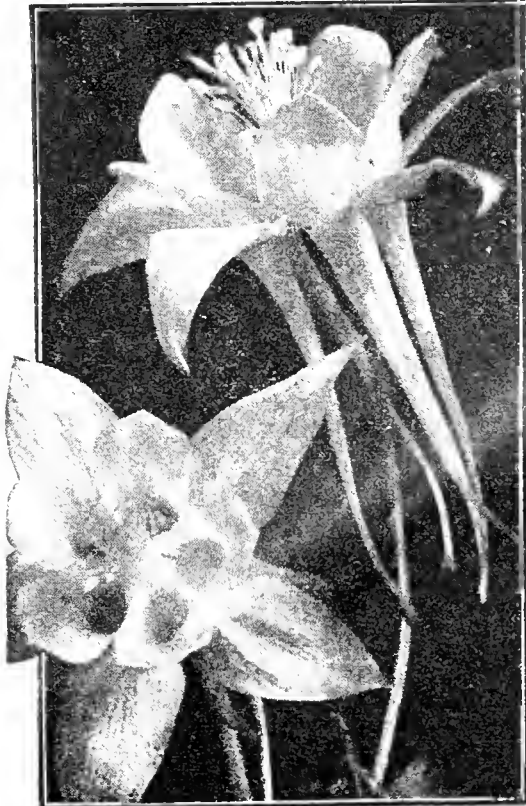
**†*AQUILEGIA -
Columbine**

The general appearance of "Columbines" with their deep cut, round-lobed foliage and nodding flower stems, expressing so many lovely shades of color, is graceful, airy and distinctive, typical of springtime. They are used liberally in low borders to offset any appearance of formality; and provide an unfailing succession of cut flowers, well into summer. Hardy perennial.

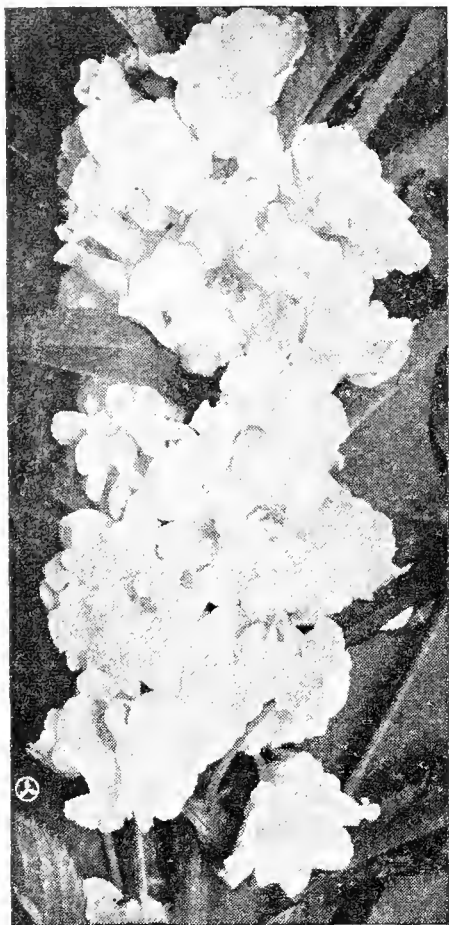
Chrysantha. Heavily spurred yellow flowers ranging from clear canary to deep yellow. Pkt. 10c.

Long Spurred Hybrids. A choice mixture of long-spurred varieties in various colors, blue shades predominant. Pkt. 10c.

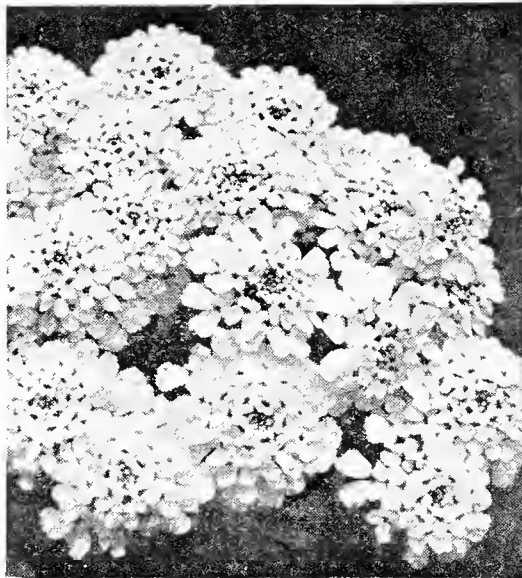
Mixed Double Aquilegias. Bulky double flowers; best colors. Many people prefer the greater petalage of this type. Pkt. 10c.



Long Spurred Columbine.



Balsam.



Candytuft.

BALSAM

Giant Double Camelia Flowered.

Tender annuals, thriving in hot weather, if planted in good soil and well watered. Should be set about 18 inches apart. If wanted early, sow indoors and transplant. This has a tendency to dwarf the plants, making them more satisfactory. The large, double, gaudily colored flowers are set like Hollyhocks along the 2-foot stems, with slender leaves protruding. Colors include pink, white and scarlet.

Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

CALENDULA

Hardy annuals. 1 foot. A wonderful profusion of flowers ranging from ivory to orange. Valuable for bed and borders. Bloom until late fall.

Ball's Florists' Strain. A new but well proven strain specially adapted to forcing; the flowers unusually large and double, of uniformly rich, dark orange color; with extra long, firm cutting stems. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Campfire. Has proven to be the best orange Calendula on the market; extremely large, very dark orange with a scarlet sheen. This strain has been carefully selected and will produce very strong stems with few buds on them. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 45c.

Orange King. Bright orange-red, with dark eye. Very double, often 3 inches across. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

Choicest Mixed. All colors. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c; 1 oz. 60c.

CALLIOPSIS

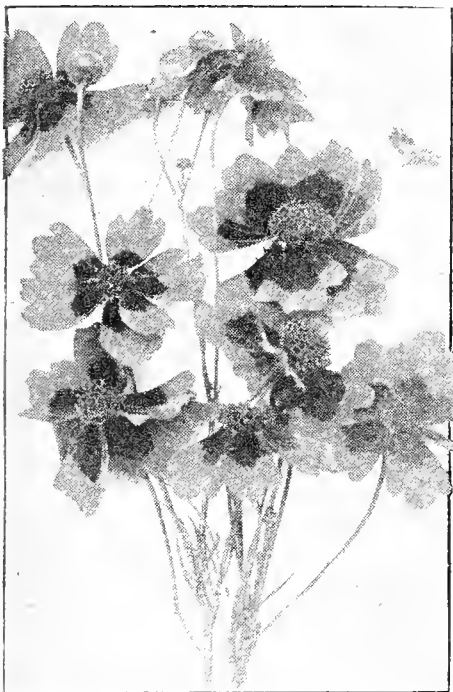
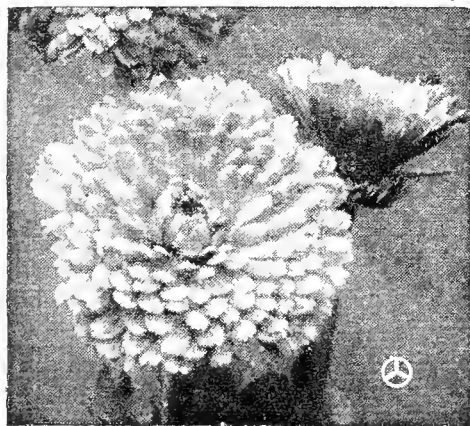
OR COREOPSIS

Sow where they are to remain and thin to 1 foot apart.

Golden Wave. Bright golden flowers, 2 inches across, each distinctly marked with dark brown center. Hardy annual. Pkt. 10c.

Finest Mixed. (Red, orange, etc.), Hardy annual. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

***Lanceolata Grandiflora.** Beautiful hardy perennial; 15 to 18 inches; producing its golden yellow flowers in great profusion. Pkt. 10c.

Calliopsis.
The Fancy Patterned Annual Type.

Ball's Calendula.



Canterbury Bells.

CAMPANULA

(Bellflower)

Well known biennials with bell-shaped flowers of varying size and type. Seed sown in the open in early April will develop sturdy little plants prepared to bloom in great profusion throughout the summer of next year. Transplant in October and give winter protection.

Medium (Canterbury Bells). Long-stemmed and large flowered, of deep pitcher shape. Colors range from blue and rose to white, in mixture. Single Medium Mixed. Pkt., 10c.

Double Medium Mixed. Pkt., 10c.
Calycanthema (Cup and Saucer). A charming form provided with an extra large calyx which gives a distinct impression of a cup and saucer. Mixed. All shades. Pkt., 10c.

CANDYTUFT

(Iberis)

Effective for white massing, but a favorite cut flower. Blooms are sweetly fragrant. Hardy annual, about 1 foot. **Fine Mixed.**

Pkt., 10c; $\frac{1}{4}$ oz., 15c; oz., 25c.
Perennial. (*Iberis sempervirens. \diamond) Hardy evergreen; pure white. Comes into bloom early in the spring and is a favorite rock plant. Pkt., 10c.

CARNATION

Highly regarded. Start seed under glass and transplant when sufficiently large. Half-hardy perennial. 1½ feet. **Marguerite.** With ordinary care this double, fluted, highly scented type will be in full bloom in 4 months after sowing the seed, flowering in profusion until checked by frost. Protection ordinarily insures their permanency, and early spring bloom. Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

SUMMER FLOWER SEED COLLECTION

"BOUQUET FLOWERS"

Selected Kinds for Free Bloom and General Superiority.

ASTER, Giant Comet. Mixed
BACHELOR BUTTON. Dbl.
CARNATION. Mixed
CALLIOPSIS. Fine Mixed
DIDISCUS COERULEUS
LARKSPUR, Giant

Hyacinth Flowered. Mixed
MARIGOLD, Tall African. Mxd.

MIGNONETTE, Large Flwg.
PINKS, Double Choice Mxd.
PHLOX DRUMMONDI. Mxd.
SALPIGLOSSIS. Mixed.
SCABIOSA. Mixed
SNAPDRAGON. Tall Mixed
BABY'S BREATH
ZINNIA, Giant Double Mxd.

15 10c Pkts.
VALUE \$1.50

\$1.00
POST-PAID

CELOSIA • Cockscomb

Free and continuous blooming annuals of great value for injecting brilliancy of color into beds or borders. Content with light soil not too rich. Cut blooms may be dried for winter decoration. Conservatory pot plants. If started inside, transplant them in May, or sow in the open at that time.

Chinese Woolflower This recent novelty is the most curious of all Celosias. Globular flowers, like balls of bright wool, bloom in July and continue until cut down by frost; do not fade, but increase in size and brilliancy. Height 2 to 3 feet. Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

CELOSIA PLUMOSA [Feathered Cockscomb]

This "Ostrich Feather" type grows from 2 to 5 feet high, very showy with their large, dense, and continuing upright plumes. Very effective in garden sections; as fresh cut flowers, and dried, or potted.

Ostrich Feather Tall Mixed. Pkt., 10c.

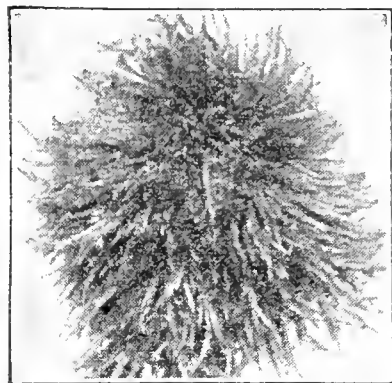
CRISTATA [Improved] • Crested Cockscomb

Very popular annual of easy culture, producing large, ornamental, comblike heads, like ruffled chenille. Finest Mixed. Pkt., 10c.

Celosia
Ostrich
Feather.



Dwarf Cockscomb.



Chinese Woolflower.

CENTAUREA

Gymnocarpa. A useful foliage plant known as "Dusty Miller." Grows to 1½ feet; deeply indented fernlike foliage so dusted with silver as to be almost white. Half hardy perennial. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

†**Imperialis** (Giant Sweet Sultan). Bushes are covered with large, fluffy, ball-shaped, sweet-scented flowers. Will keep a week or over in water, if cut when just about to open. Hardy annual. 2 feet. All Colors Mixed. Pkt., 10c.

†CHRYSANTHEMUM

Annual Double and Single Mixed. Beautiful double and single types, together in a wide range of colors, blooming gorgeously all summer. The single kinds are prettily called "Painted Daisies." Pkt., 10c.

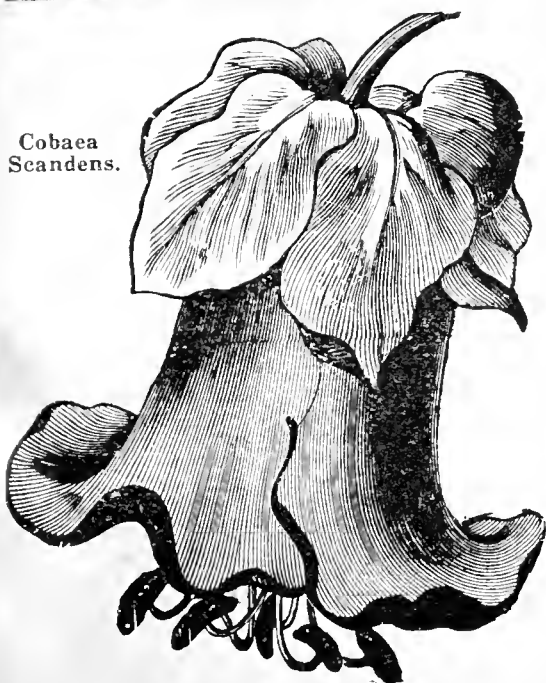
CINERARIA

Maritima. Another "Dusty Miller," denser than the Centaurea type; one of the showiest silver or white-leaved foliage plants for bedding, ribbon beds and margins. In rich soil they will reach 2 feet in height. Pkt., 10c; $\frac{1}{4}$ oz., 20c. (See illustration with Kochia on page 26).

COBAEA SCANDENS

A fine rapid growing climber, with handsome foliage and large bell-shaped flowers; green at first but rapidly changing to purple. Seeds should be started in hotbed or rather dry soil (as they are apt to rot in open ground); setting them edgewise and just barely covering. Tender annual. 20 feet. Pkt., 10c.

Cobaea
Scandens.

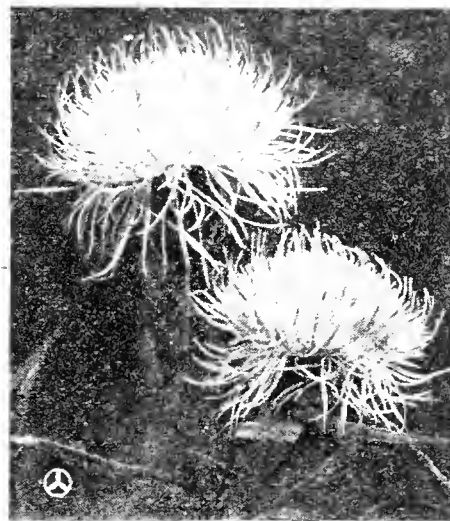


COLEUS

Choicest New Hybrids. A beautiful class of popular decorative foliage plants with such diversity of pattern and rich coloring, their growing is a matter of absorbing interest and pleasure. For bedding or pot culture. Mixed. Pkt., 10c.

Over 20 choice, distinct varieties of **Hardy Chrysanthemums** are offered in Perennial section. If you want the very best type of Dusty Miller, get S. & H. Dusty Miller, offered in Plants, page 51. (Cannot be reproduced true from seed).

Coleus plants, ready for June bedding, are offered on page 51; showing 16 beautiful, distinct kinds.



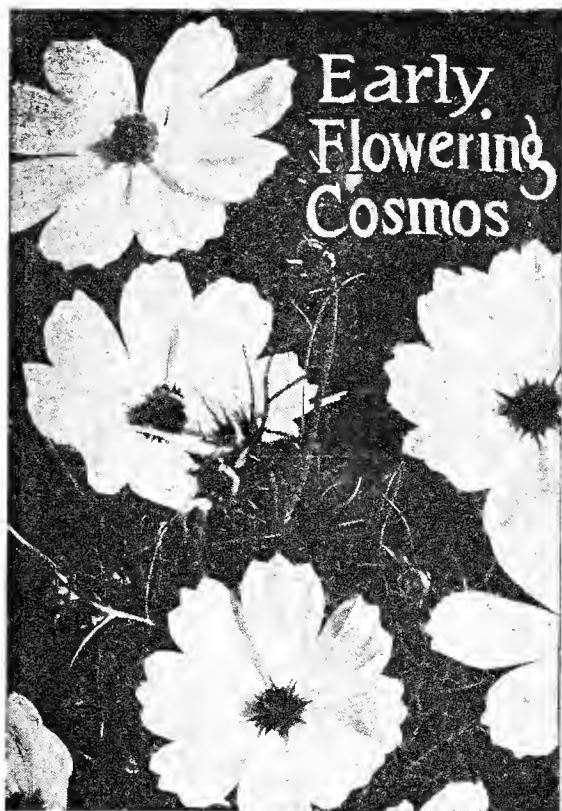
"Sweet Sultan" (Centaurea).



"Dusty Miller" (Centaurea).



Single Annual 'Mums.



One of the Best Fall Flowers.



Shasta Daisy.



California Poppy.

†COSMOS

These delightful, fall blooming plants are seldom lacking in our gardens. Their growth is much branched and bushy up to 5 or even 6 feet, the fine-cut, lacy foliage being decidedly ornamental from the very first. The early flowering kinds may be sown where they are to stay; but the later types should be started inside, preferably potted to procure a confined rootball, and transplanted to not less than 18 inches interval only after danger of frost is over.

MAMMOTH EARLY FLOWERING COSMOS

Flowers fully equal in size to the Giant Fancy class, blooming abundantly in August. Develops quicker, although not so tall.

Mammoth Early Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 50c.

GIANT FANCY COSMOS

Called "Giant" because their flowers are so much larger and more perfect than the old line of Cosmos, which they have entirely replaced. Northern gardens may be rewarded for a considerable period before the frosts of autumn.

Giant Cosmos Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

NEW DOUBLE-CRESTED COSMOS

This beautiful type is something entirely different from other Cosmos. The flowers are double-crested, having double centers with a row of petals around the base. Flowers are borne on strong stiff stems; fine for use as a cut flower.

Crested Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

DATURA

[Angels Trumpet]

Showy large branching plants, growing 2 to 3 feet high, bearing creamy white, trumpet-shaped flowers 6 inches in length, with a wide bell. They make a fine sub-tropical effect in the garden if given light rich soil and a sheltered sunny location. Pkt., 10c.

†DAHLIA

Half hardy perennial. 2 to 4 ft. Popular late summer and fall flowering plants. The double type will bloom first season if sown by April 1st, but sowing the singles may be deferred as late as June.

Double Mixed. Finest double flowers, including the new, large flowered varieties. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

*ENGLISH DAISY

[Bellis Perennis]

A favorite dwarf perennial, the 6-inch plant providing a vast amount of short-stemmed bloom through the spring and summer. Extensively used as edging plants, and usually carry over if winter mulched. Sow seed early in hotbed or house and transplant to a rich, cool, partially shaded situation.

Maxima Double Mixed. Various shades. Pkt., 10c.

†SHASTA DAISY

The pure white flowers with yellow centers are 3 to 4 inches in diameter, with waxy petals mostly broad and flat. They bloom the entire season and furnish an unfailing supply of cut flowers, besides being a conspicuous and popular white border plant. Hardy perennial; $1\frac{1}{2}$ to 2 feet. Pkt., 10c.

DIDISCUS COERULEUS

[Blue Lace Flower]

Seed sown outdoors after danger from frost, should insure bloom continuously from July to October. The much-branched plants grow to about 2 feet, with subdivided foliage. The terminal flower umbels average close to 3 inches across, a lacy association of long thin tubes and flaring faces in the numerous florets. The entire flower is an appealing shade of "heavenly" blue, and its construction exquisitely dainty.

Pkt., 10c; $\frac{1}{8}$ oz., 20c.

ESCHSCHOLTZIA or California Poppy

California's state flower. Dwarf plants about 1 foot high, with spreading, silvery, fine cut foliage; furnishing a liberal quantity of poppy-like flowers from spring until late fall. In addition to the original yellow, the class is now enriched by various color shades. Border plants or masses. Hardy annuals.

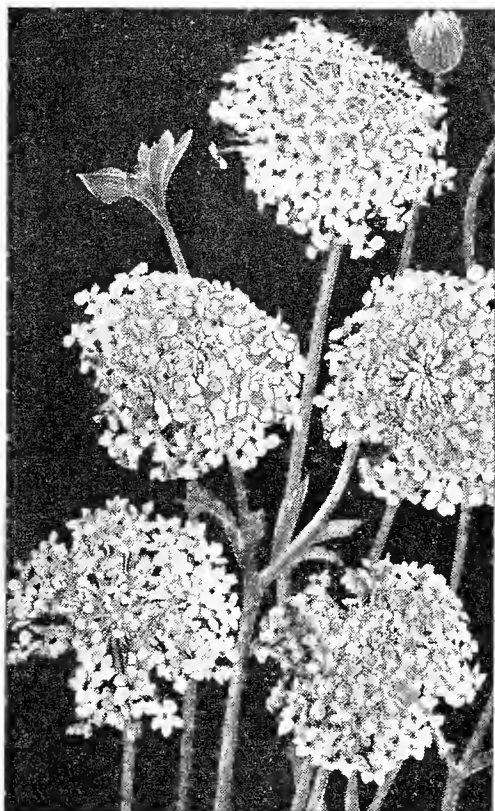
Golden West. Large overlapping petals; shining yellow, with orange blotch. Pkt., 10c.

Mixed Eschscholtzia. All varieties, rich in shades of pink, crimson, and orange-scarlet.

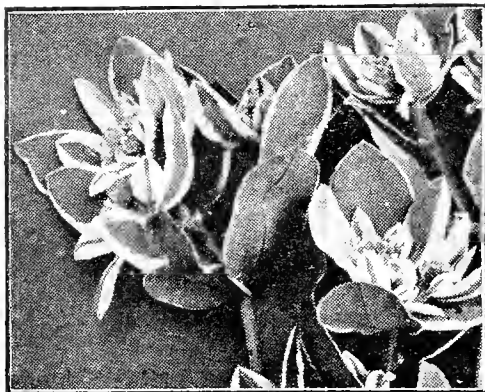
Pkt., 10c; $\frac{1}{8}$ oz., 15c; $\frac{1}{4}$ oz., 25c.

EUPHORBIA

Variegata (Snow-on-the-Mountain). An old garden favorite; foliage and flowers veined and heavily margined white. 2 to 3 feet. A good alternating plant with pink Geraniums, or surrounded by Petunias. Pkt. 10c.



Blue Lace Flower.



"Snow-on-the-Mountain"



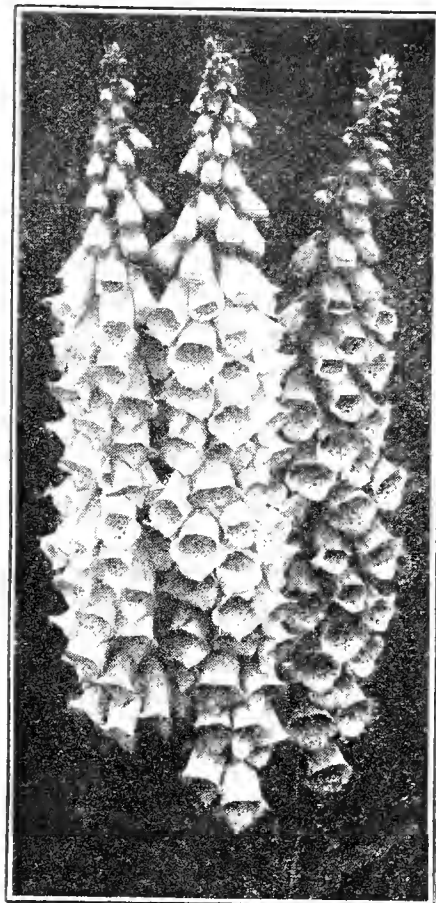
Forget-me-not.



Gaillardia or "Blanket Flower."



Gypsophila Elegans—Annual "Baby's Breath."



Foxglove.

FORGET-ME-NOT

Chinese (Cynoglossum amabile).

A choice new summer and fall blooming annual; deep blue flowers on 18-inch stems. Pkt., 10c; 1/8 oz., 25c.

***Myosotis palustris.** Blue, with white and yellow eyes. Pkt., 10c.

Myosotis, Victoria. Fine heads of large, clear, azure blue. Pkt. 10c.

FOUR O'CLOCK (Marvel of Peru)



Blooms the first season from seed; the flowers, which are produced in clusters, open in the afternoon and wither the next morning. Generally planted in solid rows, to outline the garden plot or walks; its innumerable flowers and gorgeous diversity of colors furnishing a great deal of cheer at little expense. **Mixed.** Pkt., 10c; oz., 15c; 1/4 lb., 35c; 1 lb., \$1.00.

FOXGLOVE [Digitalis]

The mammoth 3- to 5-ft. spikes of densely set colored flowers make them very desirable for use as backgrounds for low growing plants. Hardy biennials. **Finest Mixed Gloxinoides.** Pkt., 10c.

GAILLARDIA (Blanket Flower)

***Grandiflora.** Hardy perennial, 2 feet, blooming first season. Flowers large and flat; yellow and orange, with center and varying rings of red and maroon shades. **Mixed.** Pkt. 10c.

GEUM

Mrs. Bradshaw. They closely resemble dark crimson Carnations with broad, fluted petals, and a conspicuous tuft of golden stamens. Hardy perennial. 1 1/2 feet. Pkt. 10c.

Lady Stratheden. Bright golden yellow flowers. Pkt. 10c.

GODETIA

Their beautiful satiny, open flowers covering a wide range of colors, produce a delightful effect in masses or borders. They bear good flowers even in shaded places where so few flowers can be grown, and are better in the cooler sections, and not too rich soil. Hardy annuals. 1 foot.

Finest Mixed. All colors. Pkt. 10c.

GOURDS

A tribe of tender annual climbers (10 to 20 feet) with curiously shaped, fancifully patterned, hard shell fruits, which may be used in many practical ways.

Large Ornamental Mixed. Pkt., 10c.

Small Ornamental Mixed. Pkt., 10c.

GYPHSOPHILA [Baby's Breath]

Delicate stems and foliage in rounded clumps; profusely sprinkled with tiny star-bloom. These misty panicles are exquisite "mixers" with other flowers, either in bouquets or in the garden.

Elegans. Annual. To provide continuance of bloom should be sown several times. Pkt. 10c; 1/2 oz. 15c; oz. 25c.

***Paniculata.** Hardy perennial, 2 feet. Flowers white with a general impression of being lavender when in bud. Pkt. 10c.

HELICHRYSUM [Strawflower]

Hardy annual, 2 feet. Flowers are round, flat but thick, very full of short, stiff, incurving petals surrounding a depressed center. Their chief value is for winter use in baskets and vases, dried. Cut with long stems when about a third open, suspend bunch (heads down) in a cool, dry place until thoroughly dried. We offer only the **MONSTROSUM fl. pl.**, the largest and most double, with the widest range of color. **Mixed.** Pkt. 10c; 1/4 oz., 25c.

HELIOTROPE

Valued for the fragrance of their flowers, and duration of bloom. Tender perennial, 1 foot. Easily grown, blooming first summer if sown early.

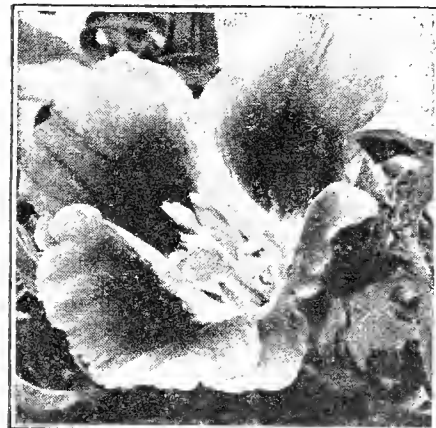
Lemoine's Giant Hybrid. Of robust growth, and large flower heads, blooming all summer long.

Choice Mixed Colors. Pkt. 10c.

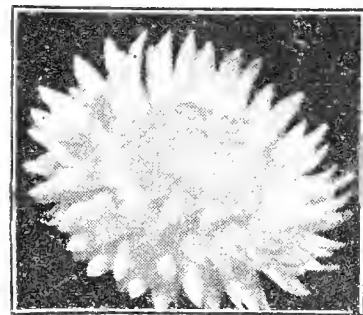
HONESTY [Lunaria Biennis]

A hardy biennial, known as Moonwort, Money, Peter's Pence, and Satin Flower. The interesting bloom is colored in crimson, purple, or white and is one of unique value to brighten shady, damp places where there is seldom any colored bloom; but the large, round, flat seed pouch is what makes this plant so popular. It is transparent, silvery, in loose sprays, drying naturally so that it lasts all winter in dry bouquets with berries and other winter basket material. Sow seed in May. Cover plants before frost.

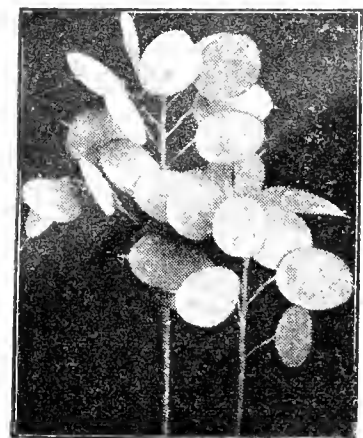
Mixed. Pkt., 10c.



Godetia.

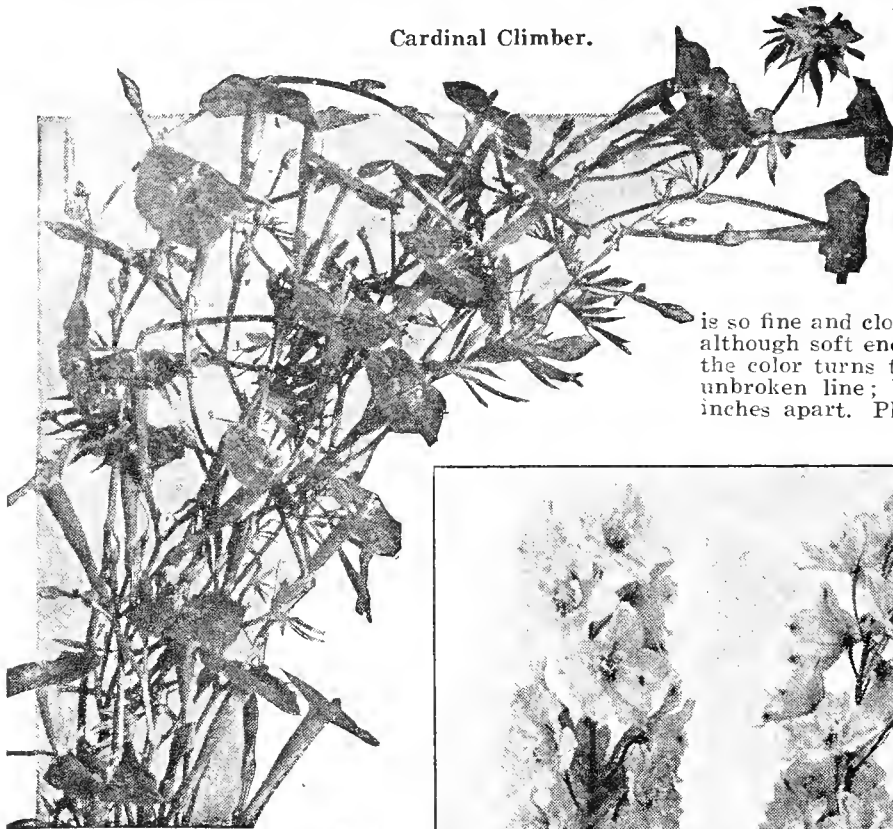


Strawflower.



Honesty.

Cardinal Climber.



*HOLLYHOCKS

Imposing, colorful hardy perennial. 3 to 5 feet. Sow seed in June or July in open ground, transplant to 3 feet apart. Will bloom next year.

Double Flowered, Mixed. Pkt. 10c.

Mammoth Fringed. (Allegheny). The flowers are from 4 to 6 inches across, single and semi-double, finely fringed and curled. Will bloom the first season if sown early.

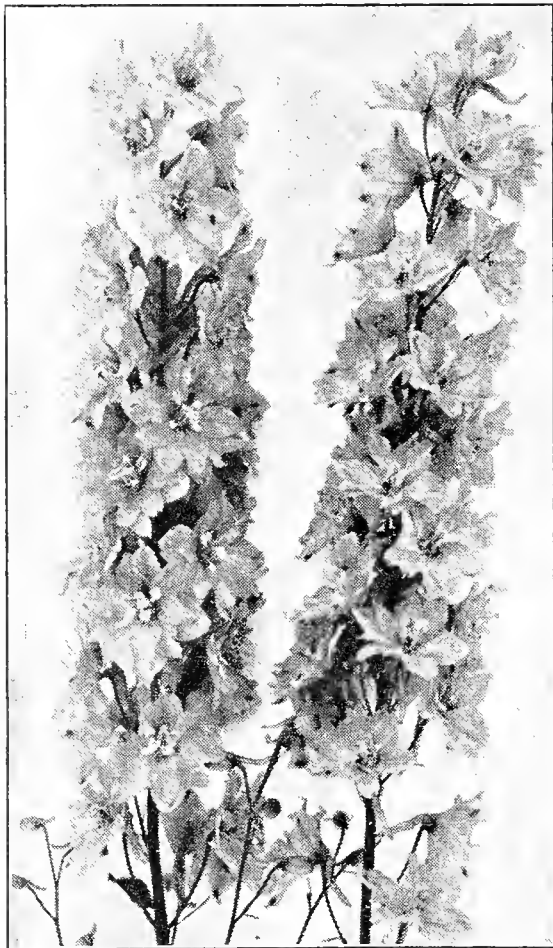
Choice Mixed. Pkt. 10c.

IPOMOEA

Moonflower (*Ipomoea grandiflora*). Grows 5 to 30 feet. At night the plants are covered with solitary 4- to 5-inch, round pure white, fragrant flowers.

Pkt. 10c; ½ oz. 25c.

Heavenly Blue Flowers 4 to 5 inches across, in large clusters, a beautiful sky-blue against richly green, large foliage. Unlike the white type, this bloom is a daytime delight. Pkt. 10c.



Annual Larkspur.

WINTER

Flower Seed Collection

"Everlasting Flowers"

For Garden Bloom and Winter Dried Bouquets. 1 pkt. each of the following:

GLOBE AMARANTH (*Gomphrena*). Charming clover-like blossoms in white, pink, bronzy yellow. Mixed. Pkt. 10c.

RHODANTHE. A wealth of late summer bloom on slender stems, in white, pinks and red. Mixed. Pkt. 10c.

SEA PINKS (*Statice sinuata*). Clusters of small bottle-brush flowers on slender stems. Shades of blue, rose and yellow. Dry in a cool, shady place. Pkt. 10c.

HONESTY (*Lunaria*). See page 25.

STRAWFLOWERS (*Helichrysum*). Page 25.



Globe Amaranth.

One Pkt. each of 5 Kinds
Regular 10c Pkts., Postpaid **35c**

Cardinal Climber (*Ipomoea Sloteri*). A splendid climber that has created a sensation wherever grown. It reaches a height of 20 to 30 feet and is covered from mid-summer till frost with clusters of vivid red, 1½-inch flowers, shaped like the Morning Glory. Leaves are deeply lacinated and are in themselves very decorative. Pkt. 10c.

KOCHIA (Summer Cypress or Burning Bush)

An annual plant of ideal character for temporary summer hedges. A feathery dense egg-shaped bush ranging from 2 to 4 feet according to soil. Foliage is so fine and close-set, the bush resembles a formally clipped evergreen, although soft enough to ripple. Pale, tender green throughout summer, the color turns towards fall to vivid red. Sow thinly in spring for an unbroken line; but for individual expression, transplant to 18 or 24 inches apart. Pkt. 10c; ¼ oz. 20c.

†LARKSPUR

(Delphiniums)

ANNUAL TYPES

Giant Hyacinth Flowered. The plants grow 3 feet high with long spikes of giant double flowers. Earliest flowering. Try these broadcasted with Shirley Poppies and Calliopsis.

Mixed Colors. Pkt. 10c; ¼ oz. 20c.

Giant Hyacinth-Flowered Dark Blue. Pkt. 10c; ¼ oz. 25c.

Double Tall Stock-Flowered "Exquisite Pink." A charming new double variety with long stems and spikes; dainty pink. Pkt. 10c; ¼ oz. 25c.

Newport Scarlet. Bright double scarlet; ideal for cutting. Pkt. 10c; ¼ oz. 25c.

*PERENNIAL VARIETIES

Useful and prolific, unsurpassed for furnishing the various shades of blue. All summer's bloom. Easily grown from seed.

***BELLADONNA.** Most delicate turquoise-blue. Fine for cutting. Pkt. 10c.

***Choice Hybrids.** Mixed shades of blue. Pkt., 10c.

†LUPINE

Annual Mixed. Easily grown annuals, about 2 feet. Produces an abundance of long, graceful spikes of pealike flowers which are very showy and pretty in shades of blue, rose and white. Fine for beds or borders as well as for cutting. Does well in partial shade.

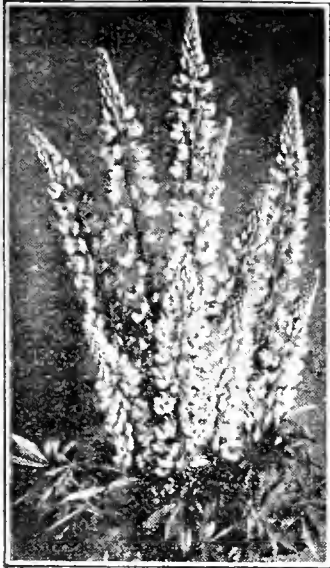
Pkt., 10c; ¼ oz., 15c.

*LYCHNIS

Chalcedonica. Hardy perennials. Bright scarlet flowers of maltese cross form, usually in medium size flat umbels, handsome for beds and borders. Of easy culture, growing in any rich garden soil, blooming the first year if sown early. 2 to 3 ft. Pkt. 10c.



Kochia, with
Cineraria Maritima.
(Page 23).



Lupine. (Page 26).



African Marigold.



Dwarf Marigold, "Border of Gold."

†**MARIGOLD**
(*Tagetes*)

Hardy annuals. The African varieties run to solid shades; the dwarf French varieties to fancy striping. All types are richly contrastive when assembled with the blue of Larkspurs or the vivid tones of Zinnias. Try the new Guinea Gold.

Guinea Gold (New Carnation-Flowered Marigold). Richest, purest orange-gold in less formal but more artistic flowers of large size; borne in great profusion. Fine long stems for cutting. 2½ feet. Pkt. 10c; ¼ oz. 25c.

Dwarf Double African Mixed. 1½ to 2 feet. Mixed orange and yellow shades. Pkt., 10c; ¼ oz., 20c.

Tall Double African Mixed. 3 feet. Varied color shades and showy. Pkt., 10c; ¼ oz., 20c.

Dwarf French Double and Single Mixed. 1 foot. Finely cut foliage; flowers in fancy color combination and marking. Pkt., 10c; ¼ oz., 20c.

Legion of Honor (Dwarf French Single). Compact bushes 9 inches high. The flowers are golden yellow, marked with a large spot of velvety maroon at the base of each petal. Commencing in June, continuing until frost. Pkt. 10c; ¼ oz. 20c.

Signata Pumila ("Border of Gold"). Showy, dwarf, compact. Fine for potting, borders and edging beds. Rarely 12 inches high, with delicate fernlike foliage, and a summer's wealth of golden yellow flowers. Pkt., 10c; ¼ oz., 20c.

†**MIGNONETTE**

A delightfully fragrant, hardy annual, blooming the entire season in the flower border; also fine for cutting, and for pot culture during the winter and spring. **Goliath.** Immense spikes, on strong stiff stems; very fragrant, fine for cutting; bright red. Pkt., 10c; ¼ oz., 25c.

Large Flowering. Sweet Mignonette. Pkt., 10c; ½ oz., 15c; oz., 25c.

MORNING GLORY
(*Convolvulus*)

Annual vines of 12 to 30 feet, their morning glory bloom unmatched for daintiness and refreshment, by any flower that heralds the dawn of day.

Japanese Giant. Their large flowers are striped, spotted and margined in all shades from white to deepest red, blue, and purple. Many are fluted and fringed. Sow the seeds early in a warm sunny place. **Choice Mixed.** Pkt., 10c; ½ oz., 15c; oz., 25c.

Large Flowering Rochester. Vines with magnificent foliage. Flowers 4 to 5 inches across, deep violet-blue in the throat, graduating out to an azure-blue, bordered with a white band. Pkt., 10c; ½ oz., 15c; oz., 25c.

†**NASTURTIIUMS**

There is a distinct, peppery and altogether pleasing scent to Nasturtium flowers; the foliage is so pretty in its roundness and fresh, clean green; the coloring is so vividly bright and cheery, there is small wonder that the various types of this family are so extensively planted. They do not require any unusual fertilization or attention, grow rapidly and bloom within a few weeks.

Golden Gleam New dwarf, double, sweet-scented. A genuine novelty quickly adopted. The double flowers are 2½ to 3 inches across, on 6- to 8-inch cutting stems; rich golden yellow, distinctive sweet fragrance. The bush is compact, rounded, lustrous green. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00.

Dwarf Mixed This splendid mixture contains all the named varieties and every color. No finer mixture can be made. They will produce delightful cutting flowers on long stems; the bushes are compact, 18- to 24-inch mounds. Pkt. 10c; oz. 15c; 2 ozs. 25c; ¼ lb. 35c; lb. \$1.00.

Tall Mixed This is one of the most complete mixtures of Climbing Nasturtiums on the market; it includes, besides the various colors in this class, the popular strains of Mad. Guenther Hybrids, Lobb's and Chameleon. Pkt. 10c; oz. 15c; 2 ozs. 25c; ¼ lb. 35c; lb. \$1.00.

NICOTIANA

(Sweet Scented Tobacco Plants)

As summer garden plants, their long, broad leaves are quite as attractive as the fragrant star-shaped bloom.

Affinis. Pure white, sweet-scented flowers. Pkt., 10c.

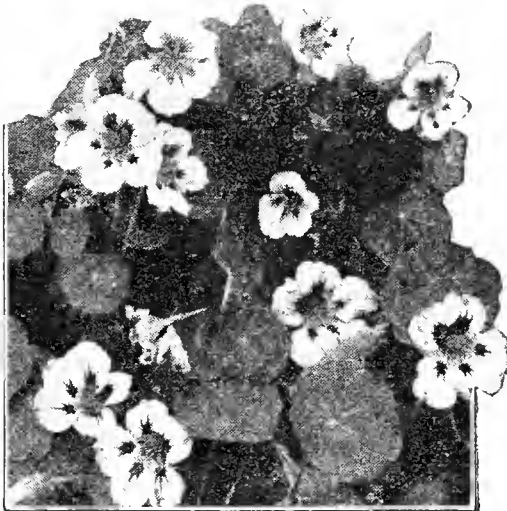
Hybrida Mixed. Has large star-shaped flowers in many colors. If plants are taken up in fall, cut back, and potted, they will bloom in the house during the winter. 2 to 3 feet. Pkt., 10c.

†**NIGELLA**

(Love-in-a-Mist or Devil-in-the-Bush)

Damascena. Mixed blue and white. Compact plants a foot high, with fine cut foliage within which is set a profusion of pretty, curious shaped flowers and seed pods; make good short-stemmed cut flowers.

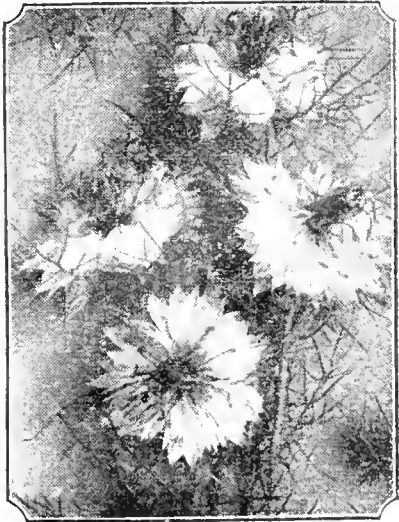
Mixed. Pkt., 10c.



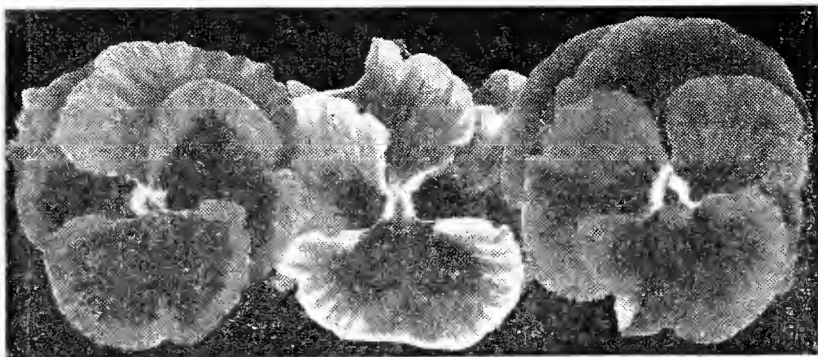
Nasturtiums.



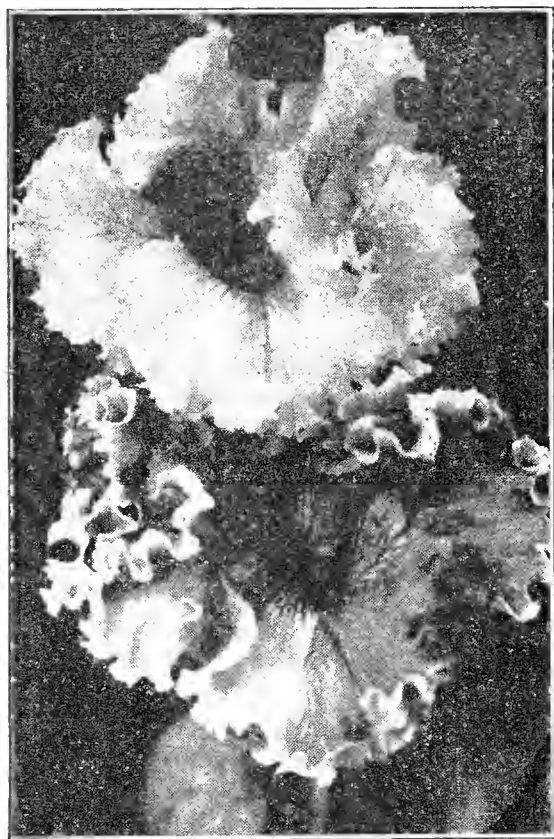
Marigold, Guinea Gold.



Love-in-a-Mist.



Improved Swiss Giant Pansies.



Giant Ruffled Petunias.

† PANSY

Pansy seed sown the latter part of April is best for spring sowing; under normal conditions, producing flowers by the last of June and continuously until fall. A well enriched, finely worked soil is best. If drilled in, seed should be covered not over 4 times its own depth. If thinly covered (paper will do), to preserve moisture, germination should occur within 8 to 12 days. When the plants are sufficiently developed, transfer to desired location, allowing about 9 inches for interval. Many people start them in hotbeds or in boxes in the house, about 2 weeks before the probable earliest planting time.

Improved Swiss Giant

Mixture —Something new and rare —including red, pink, and salmon shades never before seen in Pansies. Their colors are beautifully combined, all flowers 3- to 5-blotched. Then the size. Three inches in diameter as an average, perfectly round with overlapping petals, well up above the luxuriant foliage, on long sturdy stems. Mixed only. Pkt. 20c; 2 pkts. 35c; 1/32 oz. 50c; 1/16 oz. 75c; 1/8 oz. \$1.25; 1/4 oz. \$2.25.

S. & H. Superb Giant. For years the most important and most extensively used of all our Pansy mixtures. It is a painstaking distribution of its class, together with Odier, Cassiers, Bugnot and Trimardeau selections. Mixed. Pkt., 15c; 2 pkts., 25c; 1/8 oz., \$1.00.

"Masterpiece." Distinct in form of flowers, the border of each petal being conspicuously curled or waved, giving the flowers a double or globular appearance. Choice Mixed. Pkt., 10c; 1/8 oz., 75c.

Trimardeau. A particularly robust, hardy strain with richly colored flowers in the giant class, which always give perfect satisfaction. Mixed. Pkt., 10c; 3 pkts. for 25c; 1/8 oz., 45c.

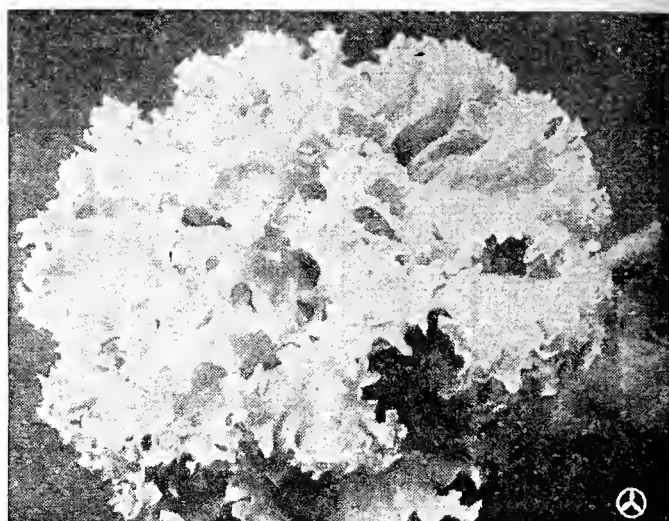
PENTSTEMON

***New Large Flowering "Sensation."** Hardy perennial. The numerous gloxinia-shaped flowers are born in long spikes from May until frost. Will bloom the first season if sown early in hotbed and planted out as soon as frosts are over. The colors are white, pink, rose, and crimson, many being spotted and margined with a contrasting color. Choice Mixed. Pkt., 10c.

*PERENNIAL PEA

(*Lathyrus Latifolius*)

Known and sold as Everlasting Sweet Pea. Quite hardy and not particular as to soil. Splendid for covering rocks, stumps and walls. Mixed. Pkt., 10c.



Double Giant Flowering Petunias.

PETUNIA

BALCONY

A valuable section remarkable for their great freedom, with flowers 3 inches across, in vivid, solid colors. Particularly adapted to use in vases, hanging baskets or window boxes.

Balcony Mixture. Not comparable to ordinary mixtures; the extreme size, clear colors and distinctive form emphasizing their superiority; each packet furnishing a multi-colored little garden in itself. Pkt., 15c; 1/16 oz., 50c.

SINGLE BEDDING

Rosy Morn. Compact, bushy; a soft tone of rose-pink, with silvery whitethroat. Pkt., 10c; 1/16 oz., 35c.

Striped and Blotched. Finest Mixed. Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c.

Single. Fine Mixed. Pkt., 10c; 1/4 oz., 30c.

NEW NANA COMPACTA

Pink Gem Only 6 inches high; covered with pink. Individual blooms are 2 inches in diameter, close-set, a deep rose-pink. Showy units for rock garden edging, pots, or window box. Try it next to a dwarf blue Ageratum. Pkt. 25c.

SINGLE LARGE

Fringed (Fimbriata). A strain of beautifully fringed flowers. Colors rich and brilliant. Mixed. Pkt., 15c.

Giant Ruffled. The flowers of this strain are ruffled and fringed, colors rich and gorgeous, with deep throats of various shades. Fine Mixed. Pkt., 20c.

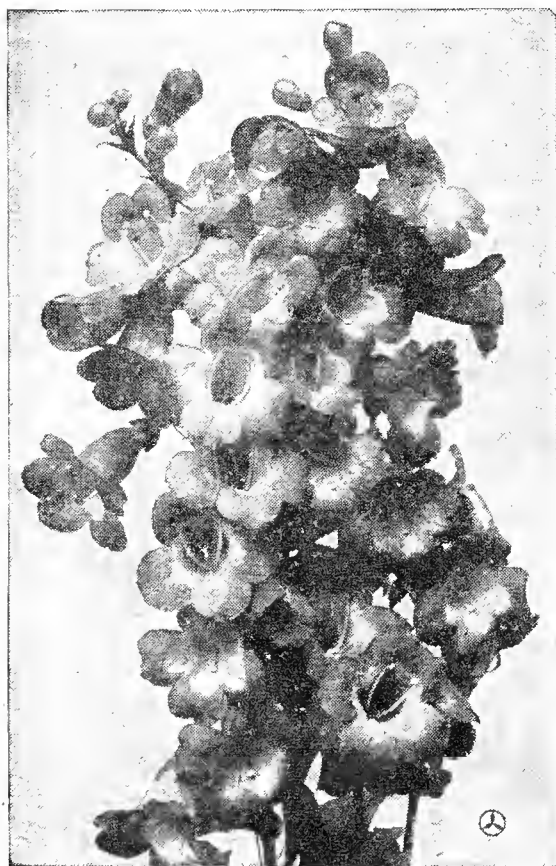
Giants of California. Choicest mixed seed saved from show flowers. Very large. Mixed. Pkt., 15c.

Elks' Purple. The magnificent "color" of the Elks' Order. The single flower of this fine new variety is of giant proportions; gracefully rolling, its 5-pointed lobes distinct. The color is solid, of the richest purple shade conceivable, with a velvety black luster over all. Pkt., 20c.

Theodosia. Large-sized fringed flowers of rosy pink with a clearly defined golden center with minute stripes. Pkt., 20c.

DOUBLE GIANT

We consider this one of the finest mixtures of Double Petunias; composed of the best and largest flowered strains grown. While a fair per cent of Double Petunia seed will produce double flowers, some will not. The single ones, however, will be richly colored and finely marked. Choice Mixed. Pkt., 25c.



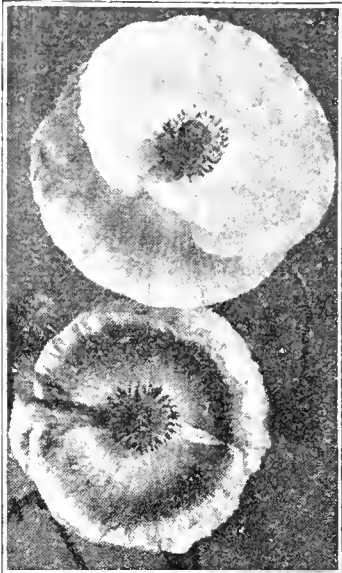
New Pentstemon "Sensation."



Annual Phlox.



Annual Double Pinks.



Shirley Poppies.

†**PHLOX**

So many wonderful improvements have developed among the hardy perennial Phlox, people are forgetting the annual types. This is a mistake; for nowhere among perennial beds can that same density of bloom and vividness of color be found as is shown by the annual Phloxes.

Drummondii Grandiflora. Hardy annuals. 1 foot. Blooms early, free, and continuing until severe freezing. The seed may be planted in the open ground May 1st or in hotbed or house earlier, afterwards transplanted into rich ground, 8 to 10 inches apart each way. **Choice Mixed.** Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 35c; oz., \$1.00.

Drummondii Nana (Dwarf). Grows about 6 inches high, splendid for pot culture or for ribbon lines and for massing. **Choice Mixed.** Pkt., 10c; 1/8 oz., 35c.

Starred and Fringed. The most interesting of the Phlox family, bearing pretty star-shaped and fringed flowers, rich in colors. **Choice Mixed.** Pkt., 10c; 1/8 oz., 25c.

***Hardy Perennial** Named varieties of these are among the show features of our nurseries. Seed is saved from this magnificent collection of all new, standard sorts of every color and description. **Finest Mixed.** Pkt., 10c.

†**PINKS (Dianthus)**

Few other plants produce more flowers or cover a longer blooming period. Height averages 1 foot, making them available for edgings. Actually biennials, and will survive the winter if it is not too severe.

Sweet Wivelsfield Hardy annual. This is an outstanding English novelty of easy culture. It is not unlike Sweet William but the flowers are larger, displaying the brilliant coloring and dainty markings of the Heddewigi strain with a honey perfume. Blooms the first year. Pkt., 10c; 1/4 oz., 25c.

Annual Double Choice Mixed. Mixture of all double annual varieties. Pkt., 10c; 1/4 oz., 25c.

***Perennial Double Fine Mixed.** Hardy perennial sweet scented garden Pinks of delightful pattern and varied coloring. Pkt., 10c.

***PLATYCODON**
(Balloon Flower)

The unopened buds resemble miniature balloons opening up as deep throated, 1 1/2- to 2-inch bells. Hardy perennials, 2 to 3 feet; prolific and long season of bloom. Seed sown in early spring will bloom in August. **Mixed Colors.** Blue, white. Pkt., 10c.

PORTULACA ("Moss Rose")

Trailing plants which love the sun, and nestle close to the warm, sandy loam of their choice. The numerous, round, flat flowers set close, and brilliantly illumine the emerald of the foliage with vivid shades of red, yellow, pink, and white. Half-hardy annual.

Double Mixed. Pkt., 10c; 1/8 oz., 35c.
Single Mixed. Pkt., 10c; 1/4 oz., 25c.

POPPY (Papaver)

Poppies are among the most interesting of the garden flowers with vivid colors and fern-like foliage. Annuals should be sown as early in spring as possible, in the location where they are to remain, as they do not transplant successfully. Seed should be just barely covered, although firmly pressed down. Thin out to 3 or 4 inches between plants; and take time to remove old flower stems.

†**ANNUAL POPPIES**

Shirley Poppies This type is perhaps the most beautiful of all; one sowing keeping the bed alight all summer. Although they are mostly single, many come semi-double, or with fluted margins. The colors range from white, through various shades of pink, to scarlet and deepest crimson. **Mixed.** Pkt. 10c; 1/4 oz. 20c.

***PERENNIAL POPPIES**

Large Flowered These average 6 inches across and are imposing in spring, with their fiery bloom, on nodding stems 3 to 4 feet high. They do not bloom the first year.

***Orientale (Oriental Poppy).** Orange-scarlet. This is the best known type. Pkt. 10c.

***Large Flowered Mixed.** The colors in this mixture may be various shades of red, with some all orange or in orange- and salmon-toned combinations. Growers are trying to develop new shades and shapes besides the old orange-scarlet, and are succeeding. Pkt. 10c.

SMALL FLOWERED POPPIES

***Iceland (Papaver Nudicaule).** Single cup-shaped flowers 2 to 3 inches in diameter with ruffled petals; yellow, orange, and white. Sown early in spring will bloom in June and continue until cold weather if not allowed to bear seed. **Mixed.** Pkt. 10c.

†**PYRETHRUM**

***Roseum Hybridum.** (Painted Daisy). Showy hardy perennials, blooming the first season if sown early. 2- to 3-inch daisy-like flowers in white, rose, crimson, and scarlet colors. The foliage is fine-cut and ferny. 2 feet.

***Double Mixed.** Pkt., 15c.
***Single Mixed.** Pkt., 10c.

RICINUS (Castor Oil Plant)

Tender annual. Singly, it makes a perfect pyramid, thickly set with its enormous beautifully lobed leaves; or, a large group of them gives a fine tropical effect.

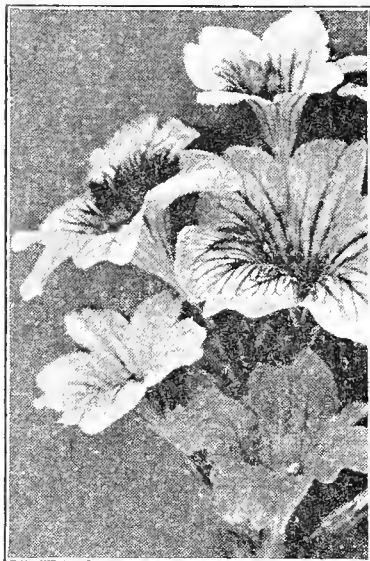
Zanzibarensis. Robust strong grower, foliage green and red. **Mixed.** Pkt., 10c; oz., 25c.



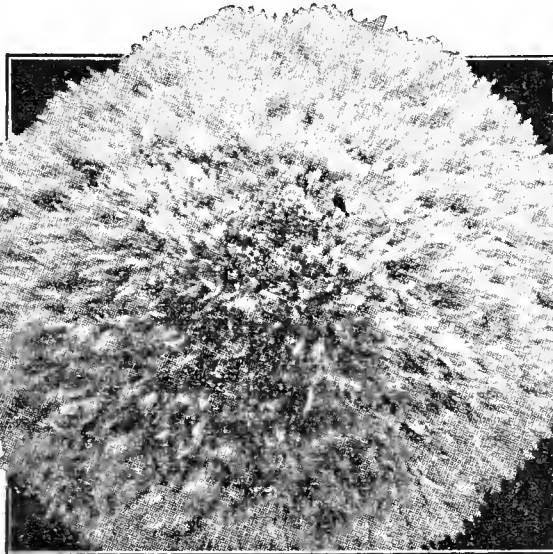
Double Portulaca.



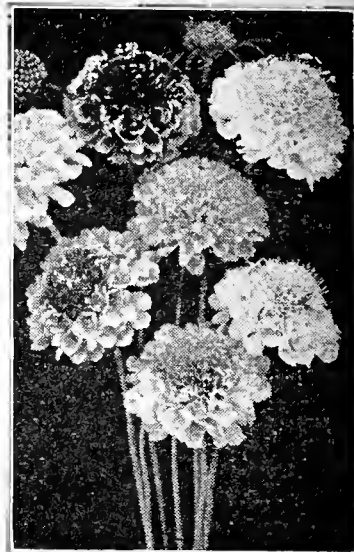
"Painted Daisies."



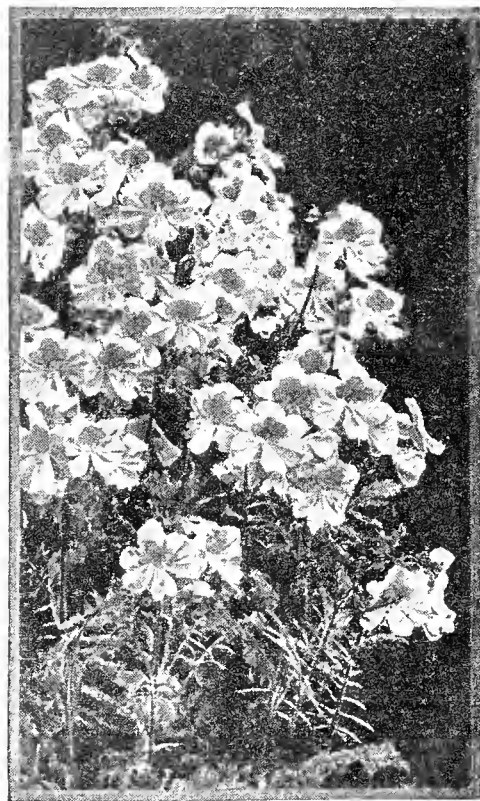
Salpiglossis.



Double Chrysanthemum Sunflower.



Scabiosa.



Schizanthus.

†SALPIGLOSSIS

Half-hardy annual. 2 feet. Of sensational recent popularity, subject of much discussion and competitive rivalry among gardeners. The flowers are open bell-shape, numerous and gracefully set on the stems, varying by culture from 2 to 4 inches across. The colors are rich and voluptuous with metallic luster, marbled and penciled on, many flowers having the appearance of being sprinkled with gold dust. Bloom from August to October, on long stems, making an ideal cut flower. Very easily grown.

Emperor Choice Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

SALVIA [Scarlet Sage]

This very popular plant is a tender perennial, but should be treated as an annual. Its beautiful flaming spikes of blossoms will add more to a border than any other plant, and where a brilliant scarlet is wanted it is unsurpassed.

America Because of its uniform growth coupled with profuse and continuous bloom, this comparatively new variety is particularly valuable for extensive bedding or formal lines. Pkt., 10c.

Splendens. One of the most gorgeous of annuals, blooming readily throughout the summer and fall. The plants grow from $1\frac{1}{2}$ to 3 feet in height, inclined to branch freely towards the top, are completely covered with showy sprays of bright scarlet flowers until cut down by frosts. Pkt., 10c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 55c.

†SCABIOSA (Mourning Bride)

Handsome summer border plant producing its splendid flowers in greatest profusion from July until severe autumn frosts. Flowers are of compact rounded shape, long stems, making them ideal cut flowers which keep in water a week. The colors are both strong and dainty, equally enjoyable and effective in bouquets or the garden. Hardy annual. 2 to $2\frac{1}{2}$ feet.

Double Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

Peach Blossom. A beautiful shade of peach blossom pink, large size and long stems. An excellent cut flower. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

†SCHIZANTHUS (Butterfly Flower)

Annuals, producing in a few weeks from seed a plant of obscuring wealth of beautiful flowers of many colors, spotted, blotched and veined.

Hybridus Grandiflora. Choice mixed. Pkt., 10c.

*STOKESIA

(Stokes' Aster)

A splendid perennial for garden culture, in beds or borders. Blooms first year from seed. $1\frac{1}{2}$ to 2 feet.

Cyanea. Showy deep lavender-blue, aster-like flowers, in broad clustered heads from June on. Pkt., 10c.

STOCKS

The "Gillyflower" is a half-hardy annual. The flowers in close-set, thick panicles on both main stems and side branches.

Double Giant Perfection. All Colors, Choice Mixed. Pkt., 10c.

"Cut-and-Come-Again"

An "everblooming" strain blooming in July from seed sown in March or April. Although earlier to start, their most perfect state is reached in September and October.

Mixed. Pkt., 10c.

†SUNFLOWER

(Helianthus)

Double Chrysanthemum-Flowered.

Grows about 6 feet high and blooms profusely. The perfectly double flowers are bright yellow, from 3 to 6 inches in diameter. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Large Russian. A very tall growing double variety. 10 to 15 feet. The seed is used for poultry.

Price, 1 oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 30c. 10 lbs. or more, by express, not prepaid, at 15c per lb.

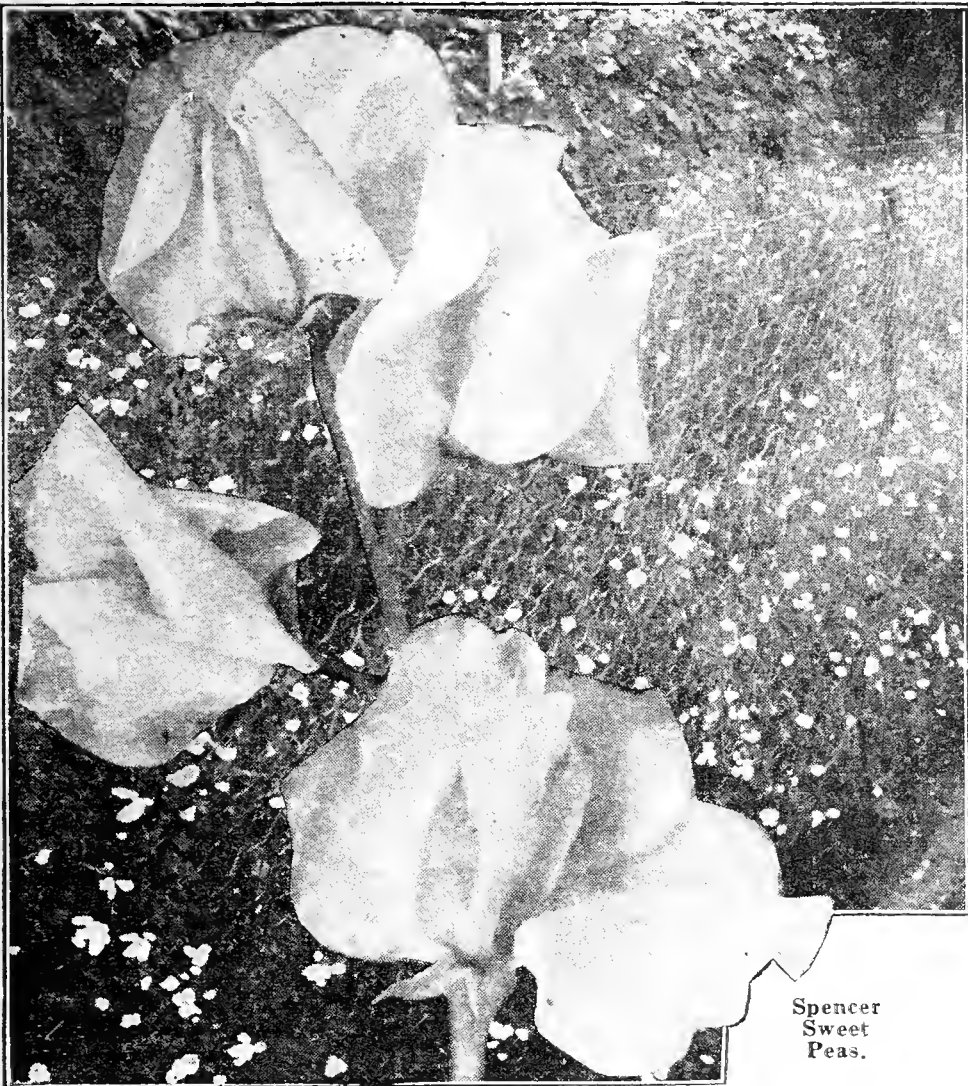
Purpureus (New Red Sunflower). The flowers come in various shades of red, and red margined with yellow, ranging from 2 to 5 inches in diameter. Plants grow branchily 3 to 4 feet high, and bloom freely. Pkt., 10c; $\frac{1}{4}$ oz., 15c; oz., 35c.

TITHONIA

A rare plant from Mexico, throwing up from the root many stout, woody stems furnished with rather large foliage. The flowers are large and remind one of an immense single Zinnia; color, dazzling orange-scarlet. It forms a large shrubby plant, flowers for a long period and is especially desirable for planting among shrubs or in the background of wide borders; will also bloom in winter in the house, if lifted before frost. Pkt., 10c.

After sowing Perennial seed, bear in mind that after the plants are well rooted, they should be transplanted to their permanent location, with proper spacing for future development.

Stocks or "Gillyflower."



Spencer
Sweet
Peas.

†SWEET WILLIAM

***Perennial (*Dianthus barbatus*).** Popular garden flower, showing a wonderful array of vivid colors in fancy patterns. Flowers are shaped, clustered and colored much like Phlox; the markings, however, being more sharply defined. Perfectly hardy but sow the seed in ultimate location, or transplant when young; as matured plants move awkwardly. **Mixed Double.** Pkt. 10c.

Annual. Almost identical with the perennial varieties in form of flower, rich and dainty coloring and fragrance, but unlike the perennials which do not bloom until the following year, these are annuals, blooming the same year the seed is sown. **Choice Mixed.** Pkt., 10c; 1/8 oz., 15c; 1/4 oz., 25c.

VERBENA [*Mammoth Flowered*]

A showy annual creeper, literally covered with large umbels of brilliant blossoms. For early blooms sow in boxes and transplant into rich soil 15 inches apart. May be sown in April in the open, and thinned.

Mixed. Pkt., 10c; 1/8 oz., 15c; 1/4 oz., 25c.

†SWEET PEAS

CULTURE. Locate planting where there will be uninterrupted sunlight, in as good soil as possible, thoroughly mixed with well-rotted manure. For autumn, seed should be sown during October or November, about 6 inches down in the trench, and covered with a heavy mulch for winter protection. Plants from this sowing should bloom 2 to 3 weeks earlier than from those sown in the spring. For spring, sow seed in March if possible. Vining support in the form of brush, chicken wire, or taut strings should be supplied, plants thinned 2 to 4 inches apart, and soil drawn in for greater root protection.

“Early Sunrise” Mixture This is a wonderful blend of the named Early Flowering Spencers.
Pkt. containing 1/2 oz., 15c; oz. 25c; 2 ozs. 45c; 1/4 lb. 75c; lb. \$2.25.

Summer Spencers Mixed
A great many varieties and colors.
Pkt. containing 1/2 oz., 10c; oz. 15c; 2 ozs. 25c; 1/4 lb. 45c; lb. \$1.35.

S. & H. “Sunset” Mixture Exactly apportioned in our mixing for a color balance from choice named varieties of summer Spencers.
Pkt. containing 1/2 oz., 10c; oz. 15c; 2 ozs. 25c; 1/4 lb. 45c; lb. \$1.35.



Sweet Williams.

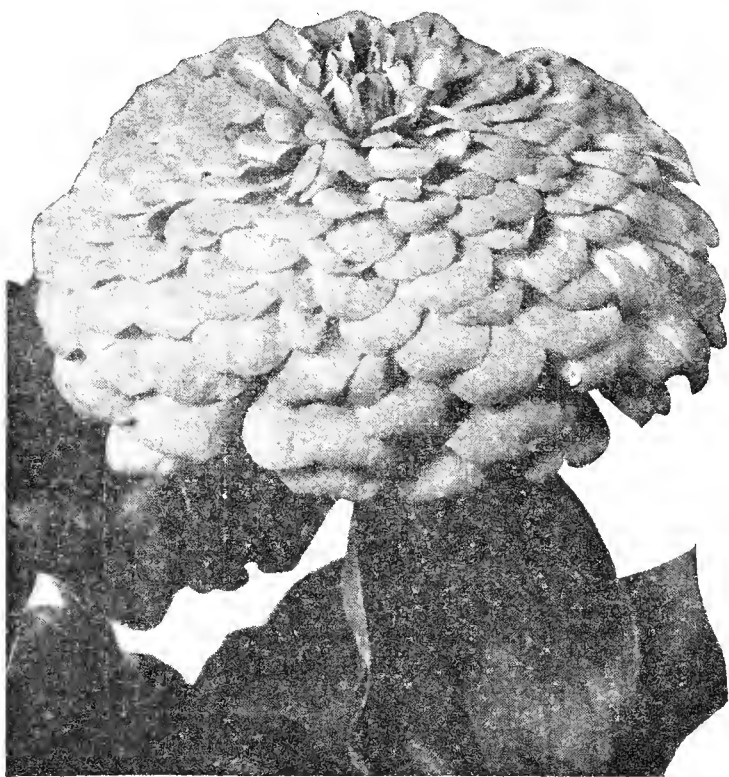
Hardy Perennials and Biennials FROM SEED

In the case of perennial seeds, the earlier they are sown the better it is for plants that should give satisfactory bloom the next year.

	Pkt.		Pkt.
*Anchusa Dropmore	\$0.10	G., *Lady Stratheden	\$0.10
Anemone coronaria. Mixed .....	.10	*Gypsophila paniculata .....	.10
*Aquilegia (<i>Columbine</i>). Mixed .....	.10	*Hollyhock, Double. Mixed .....	.10
Double .....	.10	H., Mammoth Fringed .....	.10
A. Chrysanth .....	.10	Honesty (<i>Lunaria</i>). Mixed .....	.10
A., Long-Spurred Hybrids .....	.10	*Lychnis chalcidonica .....	.10
Asters, Hardy Mixed .....	.10	Pentstemon. New Large Flowered. Mixed .....	.10
Campanula medium. Double Mix. ....	.10	*Perennial Pea. Mixed .....	.10
C. Single Mixed .....	.10	*Phlox. Hardy Perennial. Finest Mixed .....	.10
C. calycanthema. Mixed .....	.10	Pinks. *Perennial. Double Fine Mixed .....	.10
*Candytuft (<i>Iberis sempervirens</i>) .....	.10	*Platycodon (<i>Balloon Flower</i>). Mixed Blue and White .....	.10
*Coreopsis lanceolata grandiflora .....	.10	*Poppy, Iceland (Small). Mixed. ....	.10
Daisy. Double Mixed (choice) ..	.10	P., Oriental. Orange-scarlet ....	.10
D., *Shasta. Large, single, white flowers .....	.10	P., Large Flowered Mixed .....	.10
*Delphinium. *Belladonna .....	.10	*Pyrethrum roseum. Single .....	.10
D. *Mixed Hybrids .....	.10	P. Double .....	.15
Digitalis (<i>Foxglove</i>). Mixed .....	.10	*Stokesia cyanea. Lavender-blue. ....	.10
*Forget-me-not (<i>Myosotis</i>). Victoria .....	.10	*Sweet William. Mixed Double ..	.10
F. Palustris .....	.10		
*Gaillardia grandiflora .....	.10		
Geum, *Mrs. Bradshaw .....	.10		



Verbenas.



Dahlia-Flowered Zinnia.

†ZINNIAS

Few flowers are so easily grown from seed sown in the open ground or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. We recommend them for groups, beds, borders and summer hedges, where they will bloom quite freely, but are incomparably bright during the month of August. Sow seed in the open ground early in spring or start in hotbed or window and transplant when ground is suitably warmed.

DAHLIA-FLOWERED A Sensational New Double Type

This mammoth sized, unusual shaped and color perfected type has revolutionized the appearance of our annual gardens during the past few years. They very closely resemble the double decorative type Dahlias in form and in their robust growth. Plants get up to 3 feet in height, with perfect flowers often 6 inches wide by 3 and 4 inches in depth. These range widely as to color, even introducing depths and tones heretofore unknown in Zinnias.

PRICE All 13 varieties below:
Each—Pkt., 10c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 55c.

- Buttercup.** An immense deep creamy yellow.
- Crimson Monarch.** Immense flowers often 8 inches wide; the largest and richest.
- Dream.** A beautiful not common shade; deep lavender turning to mallow purple.
- Golden State.** Bright yellow in the bud, deepening with maturity to rich orange.
- Giant Attraction.** A distinct shade of brick red, which forms an immense ball of color when in full bloom.
- Exquisite.** Perhaps the most pleasing of our collection; color light rose with center a deep Tyrian rose.
- Illumination.** A striking self color of deep rose (Tyrian rose).
- Lemon Beauty.** Large size and fine form, a golden yellow on brown.
- Meteor.** A rich, glowing deep red (spinel red), the darkest of all the red shades. Fine form, with good depth of petal.
- Old Rose.** Fitly named for its color; a large and perfect flower.
- Oriole.** A superb, warm suffusion of orange and gold.
- Purple Prince.** A fine, deep rhodanth-purple, large and well-formed.
- Scarlet Flame.** Vividly descriptive.

Double Dahlia-Flowered Mixed

Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.20.

GIANT DOUBLE-FLOWERED

These are truly Giant, not to be confused with the common old small flowered strains; in many distinct colors.

Giant Double Flowered Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 15c; $\frac{1}{4}$ oz., 25c; oz., 75c.

NEW GIANT PICOTEE ZINNIAS

The beautiful flowers are of a giant type, each petal distinctly tipped with a darker shade as in Picotee Carnations. They come in a variety of colors, including orange, flesh, lemon, pink and cerise, each with the peculiar marking on tips of petals. We cannot supply separate colors.

Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

CURLED and CRESTED MIXED

The flowers are large, full and double, the petals being twisted, rendering them free from stiffness. A variety of splendid colors.

Pkt. 10c; $\frac{1}{8}$ oz. 20c.

ZEBRA MIXED

Large, compactly double, evenly imbricated flowers of every color, each gaily splashed and mottled with contrasting shades. Erect bush about 2 feet.

Pkt., 10c; $\frac{1}{8}$ oz., 20c.

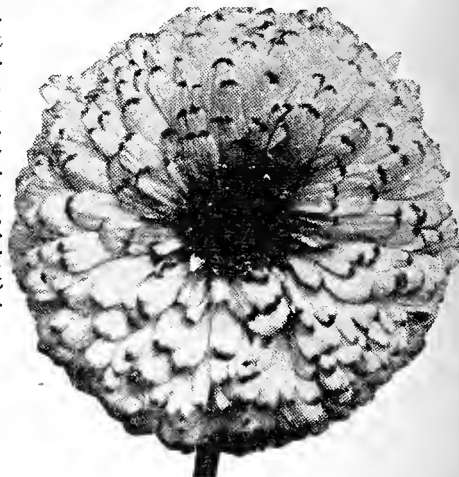
Double Pompon

Double Pompon Mixed. Flowers small, double, of colorful effect; fine for bouquets. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Red Riding Hood

Grows but a foot high. Has compact form and the flowers are small, very double, bright crimson. Makes an effective border.

Pkt., 10c; $\frac{1}{8}$ oz., 20c.



S. & H.

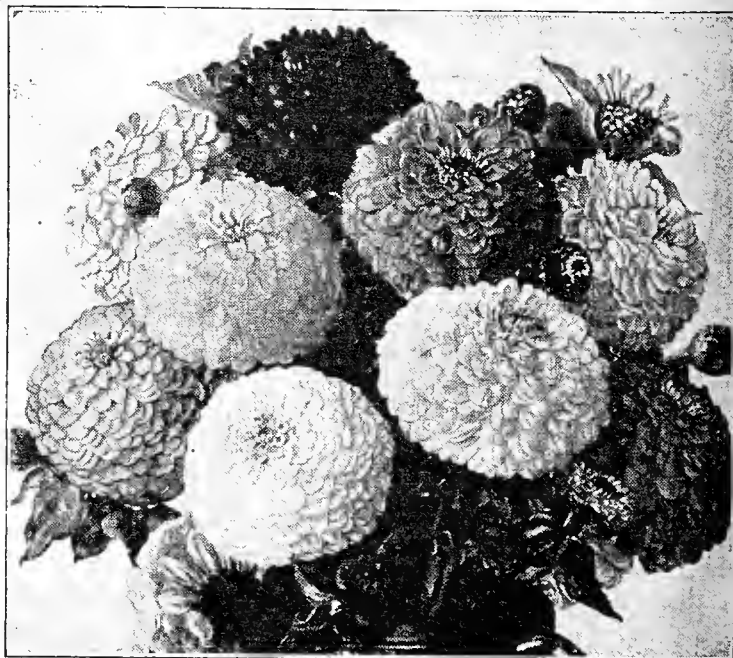
Wild Garden "Color Riot"

Annual Mixture

Contains a mixture of seed from hundreds of free flowering annuals that will give amazing effect the first year.
Pkt. 10c; oz. 25c;
 $\frac{1}{4}$ lb. 75c.

*Perennial

Mixture A splendid mixture of permanent flowers, all free flowering and very desirable.
Pkt. 10c; oz. 25c;
 $\frac{1}{4}$ lb. 75c.



Giant Double-Flowered Zinnias.

STARTED PLANTS

In case you neglect sowing flower seeds until too late, or prefer to make sure of definite planting units—we can provide most standard annuals from pots at planting time. See list and offer on page 51.



Painted Daisies, Mixed. Page 45.



Mrs. Scott Elliott's Long Spurred Columbine, Mixed. Page 34.



Chinese Balloon Flower. Page 45.



Funkia Undulata Variegata. Page 39.

Garden Favorites

A selection of Hardy Perennial types for longest blooming season. All ideal for vivid garden display; some, for dainty cut flowers as well.

9 ————— or ————— 24

- | | | |
|-------|----------------|-------|
| 1 ——— | Hollyhocks | ——— 3 |
| 1 ——— | Funkia | ——— 3 |
| 1 ——— | Bleedingheart | ——— 3 |
| 1 ——— | Columbine | ——— 3 |
| 1 ——— | Painted Daisy | ——— 3 |
| 2 ——— | Geums, Asst. | ——— 3 |
| 1 ——— | Balloon Flower | ——— 3 |
| 1 ——— | Ball of Snow | ——— 3 |

Postpaid for
\$1.90

Postpaid for
\$4.50



Geums—Both Red and Yellow. Page 39.



Bleedingheart (Spectabilis). Page 38.



Double Hollyhocks, Assorted. Page 40.



Achillea, "Ball of Snow." Page 33

S & H JAPANESE IRIS SET

This selection and set has proved to be about the most popular group of Japanese Iris ever offered.

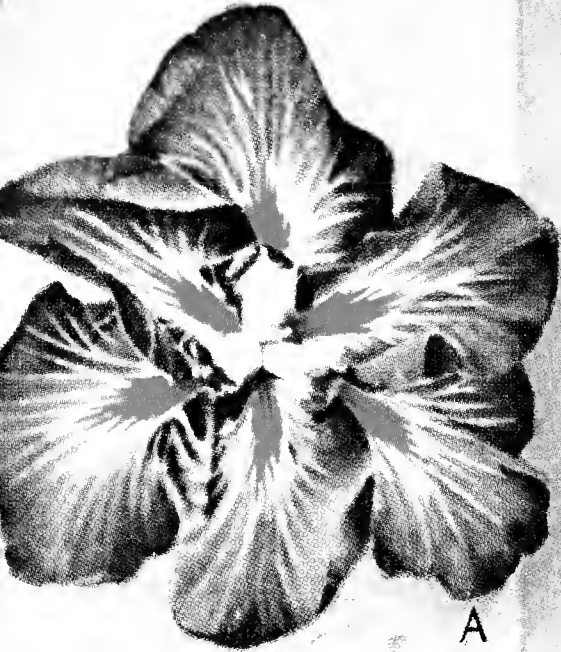
*Richest Colors
Fancy Patterns
Full Season*

A—Uchiu
B—Zama-no-mori
C—Mahogany
D—Gekka-no-nami
E—Sea Crest
F—Moniji-no-taki
G—Iso-no-nami
H—Koki-no-iro

Extra for Spring, 1935

One Kumo-no-obi
One Warai-hotei
(Illustrated on Page 41)

10 one of each
by mail \$2.50
postpaid, for



A



E



B



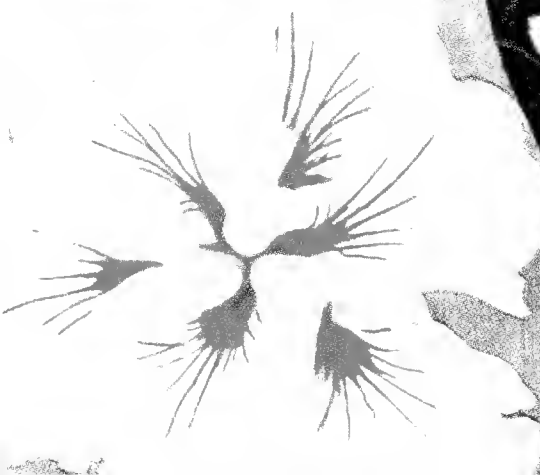
F



C



G



D



H



Turn to page 41 for complete description and unit prices of all varieties.

S & H HARDY PERENNIAL PLANTS



Come into the garden . . . "Pink Cushion" greets you.

THE strongest practical argument in favor of hardy perennials is the fact that once planted, they continue year after year with no further gardening concern beyond cultivation, cutting and thinning.

Beautiful in a thousand types and expressions, embracing every color shade and pattern within the knowledge of man, it needs only a little thought, study, and art sense to so select types and associate colors, that the perennial garden will become a vivid, glorious, living adventure in beauty and self-expression.

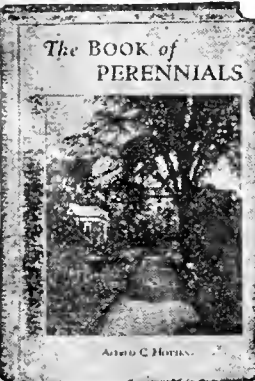
In all descriptions, we aim to show normal matured height, blooming period, color, and any special quality or utility; so that the reader may easily select and associate varieties to fit any desired plot or purpose.

"Rock Plants" are designated with this character ◇. Refer to page 48 for special rock garden information.

PLANTING. These roots may be planted as early in spring as the ground is pliable (or in the autumn); selecting an opportunity when the soil is not cold, wet or soggy. Large clumps are not necessary nor often desirable; the smaller divisions or pot grown stock showing more thrift and virility and developing into shapelier plants than the bulkier old roots.

Any good soil sensibly enriched with rotted manure, bone meal, sheep manure, or any other available fertilizer, dug deep and thoroughly mixed, will be satisfactory.

WINTER PROTECTION. Everything listed in this section is "hardy," but in varying degree. For instance, Tritomas, Poppies and Shastas really need some protection. A light covering of coarse straw, manure or leaves (not over 2 or 3 inches deep) will give comfort to all kinds, and insure safety for the weak. After removing all stems and dead foliage, during the last days of November, or before severely cold weather sets in, apply this dressing, remembering to remove it gradually next spring, as soon as frost begins to leave the ground.



Study Gardening BOOKS

No commercial catalog can fully cover the innumerable comparisons, selections, arrangements, processes, cultivation, etc., which enter into the matter of Garden and Gardening.

We recommend and offer THE BOOK OF PERENNIALS by Alfred C. Hottes, one of the best and most practical for general information.

\$2.15

Postpaid.

This is How We Price Them

By Mail—We Pay the Postage

3 —

The least number practical for planting; for show, for cutting, and for protection of the variety should one plant die.

Doz!

(6 of a kind take the dozen rate). A dozen, or half-dozen of each are much more impressive than lesser lots.

100

By Express—You Pay the Charges

(25 of a kind take the hundred rate). Landscape effects require solid masses. Note our extremely low quantity prices.

ACHILLEA. Delightful cut flowers and garden units, especially valuable because of long blooming season.

—Boule de Neige (Ball of Snow). 18 inches. The best white-flowered edging plant; erect, stiff stems and compact clusters, fully double, rounded, pure white florets. June to September. (Illustrated on Color Page C.)

—millefolium, Cerise Queen (Rosy Milfoil). Fine cut, decorative foliage on spreading bushes 18 inches high. Brilliant cerise-red flowers continuous all summer, in flat umbels. This with foliage, is a dainty bowl cut-flower.

—Perry's White. 2½ feet. Takes the place of The Pearl, giving height maintained by rigid, upright stems. Extremely free, with clustered double white flowers, excellent for cutting. June and July.

—tomentosa◇ (Woolly Yarrow). A low mat of leaves, bright with flat heads of yellow flowers in June and later. 1 foot.

All Achilleas: 3, 55c; doz., \$2.00.

ACONITUM Fischeri (Monkshood). 2 to 3 feet. September and October. Valuable for either sun or shade, and very hardy. The foliage is attractive, and the bloom abundant in long, dense spikes of hood-shaped flowers; dark blue. Each, 25c; 3, 70c; doz., \$2.50.

AETHIONEMA persicum (Persian Candytuft). 9 inches. Group six inches apart in sunny location for edging, or distribute freely among the rocks. Leaves are glaucous blue on twiggy stems, with many midsummer spikes of rose-pink bloom. 3, 70c; doz., \$2.50.

AJUGA◇ reptans rubra (Bugle). 3 to 4 inches. Deep purplish blue. Excellent carpeting plants for grass, bare spots in border, beneath trees or in rockery, in either sun or partial shade; blooming freely May and June. 3, 55c; doz., \$2.00.



Alyssum Saxatile Compactum.

ALYSSUM◇ argenteum. 15 inches. Dense growth. Leaves silvery beneath, flowers yellow in clustered heads all summer

—saxatile compactum (Golden Tuft). A useful, flat, spreading edging and rockery plant, growing not over 12 inches high; covered with enveloping flat clusters of bright golden yellow flowers early in summer. Both kinds: 3, 55c; doz., \$2.00.

ANCHUSA Dropmore. A bold, broad-leaved growth with flower stems 3 to 5 feet high, bearing a continuous show of deep blue flowers from spring until late summer. The stools are quite dense and bushy, each stem nearly covered full length with double, inch-wide flowers of the deepest cobalt blue. 3, 55c; doz., \$2.00.

—myosotidiflora◇ 1 foot. A beautiful dwarf border and rockery plant, best in sand. Its foliage is broad on spreading stools, but the vivid flowers in May are almost identical with Forget-Me-Not, a rich gentian-blue. Each, 25c; 3, 70c; doz., \$2.50.



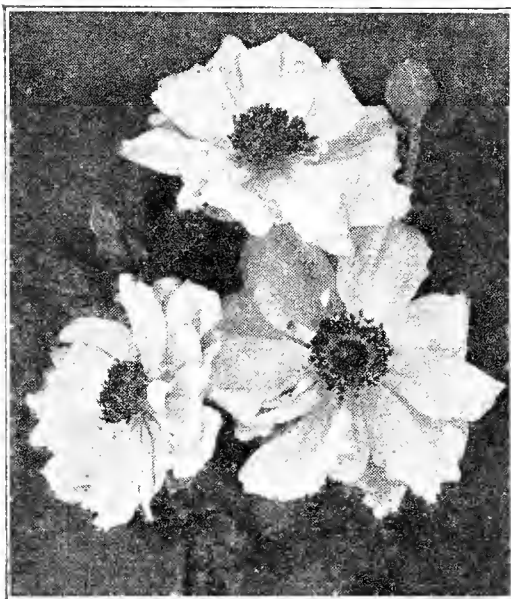
Arabis Alpina.

Armeria Maritima Splendens
or "Cushion Pink".

Aquilegia Caerulea.

ANEMONE [Windflower]

ANEMONE ♦ *hupehensis*. A miniature Japonica, 10 to 12 inches, in profuse bloom from August on, with 1½-inch single flowers colored bright mauve-rose.



Anemone Japonica.

ANEMONE JAPONICA.

A most valuable class of hardy plants suitable for edging, massing or single specimens. They grow rapidly 2 to 3 feet and are profuse in bloom, gaining strength and beauty each year. The blooming period extends from August till mid-November.

- *alba*. Glistening, pure white, with yellow center.
- **Queen Charlotte**. flower semi-double, broad

and perfectly formed, the pleasing "La France" shade of pink.

- **Richard Ahrends**. Large, single. Shell-pink with slight lilac hue.

- *rubra*. Brilliant rose-red; yellow center.
- **Whirlwind**. Excellent large, double white flowers.

All Anemones: 3, 70c; doz., \$2.50.

ANTHEMIS Kelwayi (Hardy Marguerite). An excellent perennial for cutting; golden yellow, daisy-like flowers in profusion, nearly all summer. 3, 55c; doz., \$2.00.

ARENARIA (Sandwort) ♦ *montana*. 4-inch. Close tufts, profusely covered in May with small silvery white "morning-glory" flowers. Makes a fine, formal edging plant, or as a filler among sunny rocks. 3, 70c; doz., \$2.50.

ARMERIA ♦ (Thrift; Sea Pink). Interesting small plants with rosettes of narrow evergreen leaves on the ground, from which arise many slender, naked stems crowned by a compactly round flower. Excellent rock plants, and useful in bordering walks or for any continuous low edging, blooming in early summer.

— *Lauchiana*. About 8 inches; in liberal bloom from June to August; good sized globular flowers of rosy crimson.

— *maritima splendens* (Cushion Pink). 6 to 10 inches. Fine grassy, evergreen mounds, stems rigid, and little flower balls a deep coral-rose.

Both: 3, 55c; doz., \$2.00.

AQUILEGIA [Columbine]

Distinct, deeply cut foliage and delicate arrangement of colors in the pendent flowers. Dainty, showy and desirable as cut flowers, available for Memorial Day; especially suitable for rockwork, at the base of foundation walls and under trees. Bloom in early spring into July; preferring partial shade.

Alpine Blue ♦. Particularly adapted to use in rockeries, as they grow to only about 2 feet, with slender stems and many small bright blue flowers.

Caerulea Immense broad flowers, sky-blue with full white corolla and gilded stamens.

Chrysantha. All over pure bright yellow, late blooming.

Dobbie's Imperial Hybrids. A recent English triumph following many years of crossing and selection; notable for size and sturdiness, long spurs, and the most extensive range of strong colors. **Mixed**. 3, 70c; doz., \$2.50.

Long Spur Pink Shades These are delightful in Columbine planting, in which there has been only blues and yellows before. An English mixture of several pink shades, in large and perfect flowers. 3, 70c; doz., \$2.50.

Mrs. Scott Elliott's Long-Spurred Hybrids. A choice old English strain; free-blooming, with long stems and extremely long, shiny spurs. The colors run to pastel shades of rose, blue, and yellow in many delightful combinations. **Mixed**. (Illustrated on Color Page C.)

All Aquilegias, except as noted: 3, 55c; doz., \$2.00.

ARABIS ♦ *alpina* (Rock Cress). Low growing plants especially suited to rockwork, flowering in small white terminal racemes. Bloom in May and continue a long time. 3, 55c; doz., \$2.00.

— *alpina fl. pl.* Same as the above, but with double white flowers. 3, 70c; doz., \$2.50.

— *alpina rosea*. Very dainty, with flowers of delicate light pink. 3, 70c; doz., \$2.50.

ARTEMISIA lactiflora. Deep green, cleft foliage and compact bush shape, attractive throughout the summer. During August and September the creamy white flowers, which resemble herbaceous Spireas and are sweetly scented, are borne in large terminal panicles on erect stems 3 to 4½ feet tall. 3, 55c; doz., \$2.00.

— **Silver King**. A beautiful "mist" for setting off bouquets and floral combinations. Vigorous, quick growing, with a close network of branches, fine stemmed and slender leaved. The opening leaf buds gleam like tiny beads, the entire color effect bright frosted silver. 3 feet, compact pyramids. 3, 55c; doz., \$2.00.

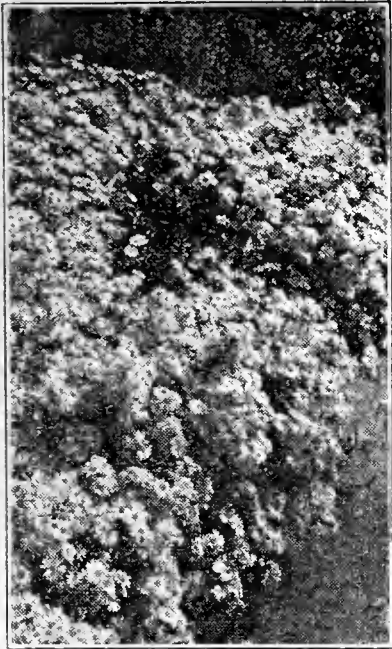
ASCLEPIAS tuberosa (Butterfly Flower). 2½ feet. A familiar field flower; the cultivated form making a delightful show of orange flowers during early summer. 3, 55c; doz., \$2.00.

AUBRIETIA ♦ (Rainbow Rock Cress).

— *graeca*. Essentially a rock plant, but equally pretty and useful as an edging to any dwarf perennial border. The foliage is a fine mass of silver green, in spring and early summer concealed by a sheet of light purple flowers.

— *Leichtlini*. Dwarf, compact; bright pink flowers.

Both: 3, 55c; doz., \$2.00.



New Dwarf Hybrid Asters.



"Canterbury Bells"



Hardy Carnation, Crimson King.

HARDY ASTERS

The "Michaelmas Daisies" are very largely used by landscapers, to provide masses of foliage and bloom throughout the fall. The dwarf Alpines and Japanese varieties are excellent for edging beds and for sunny rock garden use.

Abendrothe. 3 to 5 ft. Oct. Beautiful deep rose-pink.

Alpinus (Blue Mountain Daisy). 5 to 10 inches. May and June. Short stemmed but large flowered, of striking character; lavender-blue with orange-yellow disc.

Climax. 4 feet. Much branched, pyramidal clusters of light lavender-blue flowers, 1 1/4 inches in width, with a prominent golden cone at center. August to mid-October.

Mauve Cushion A Japanese dwarf, 9 to 10 inches, with tapering margins. It spreads thriftily into a round cushion perhaps 30 inches broad; in November literally covered with beautiful inch-wide, silvery mauve flowers. Valuable in rockeries for late bloom.

Roseus Superbus. 4 feet of dense growth; the profuse symmetrical bloom a brilliant rose-red.

St. Egwin. Rounded bush; completely covered by small, dainty flowers of pastel pink.

Above Asters: 3, 65c; doz., \$2.25.

New Dwarf Hybrid Border Asters

Dwarf growing border and rockery plants that bloom in September, are scarce. That makes this new collection of Dwarf Asters particularly interesting and valuable. They rarely exceed 1 foot in height; and bloom profusely throughout the month, with all-covering, large flowers.

Countess of Dudley 9 in. Charming flowers of clear pink; yellow eye. Late Sept.

Lady Henry Maddocks 1 ft. Solid, clear pale pink; very compact; very free.

Marjorie 1 ft. Showy, large flowers, mid-September; bright rose-pink.

Nancy 1 ft. A delightful show of flesh-pink flowers towards the end of September.

Ronald 1 ft. A brilliant mid-month show of lilac-pink, with rose-pink buds.

Snowsprite 1 ft. Smothered with early September flowers; large, semi-double, white.

Victor 8 inches. Early, dwarfest, and very pretty; light lavender-blue. Fine rock-plant.

3-inch pot plants—ready March 15th,
50c each; 3 for \$1.20; doz., \$3.50.

ASTILBE [Spirea]

A bulbous, hardy Spirea of striking punctuating character, when distributed among the medium height perennials of the garden borders. It makes a short spreading plant with attractive foliage, during June and July throwing up long, plummy wands of bloom. These flower spikes complete an average height of 2 to 3 feet and, because of their bulk, feathery character and brilliant color expression, are extremely showy during their season of about three weeks.

America. The old reliable lilac-pink.

Gladstone. 18 inches. Snow-white, immense trusses.

Gloria. Dark pink shaded lilac.

Peachblossom. Tender peach pink.

Queen Alexandra. Bright pink, extra large.

Each, 50c; 3, \$1.25; doz., \$4.50.

BAPTISIA (False Indigo). Pretty deep blue racemes during June and July. 2 feet. 3, 55c; doz., \$2.00.

BOLTONIA (False Chamomile). 5 feet, bushy plants with aster-like flowers; good background plant for late summer.

—**asteroides.** White. } 3 for 55c;

—**latisquama.** Pale lavender flowers. } doz., \$2.00.

CALAMINTHA (alpin). 6 inches. Dwarf, twiggy, savory herb; useful in wall and rock gardens, with pretty purple spikes of mintlike flowers in June. 3, 55c; doz., \$2.00.

CATANANCHE (caerulea (Cupid's Dart). 2 feet. Long, stiff flower stems, the ends crowned by blue flowers resembling Bachelor's Button. July, August. 3, 55c; doz., \$2.00.

CAMPANULA [Bellflower]

These are among the most beautiful of the border plants, all throwing up a liberal number of flower spikes along which are a crowded profusion of good sized bells.

Carpatica (Carpathian Hare-Bell). A pretty compact species not exceeding 8 inches high, flower bells 1 inch in diameter. **Blue** or **White**. 3, 55c; doz., \$2.00.

Calycanthemum ("Cup and Saucer"). Single cup-shaped flowers 3 inches long, set in saucer-like calyx 3 to 4 inches across; very productive. Three separate colors. **Blue**, **Rose** or **White**. 3, 45c; doz., \$1.60.

Media. The well known "Canterbury Bells"; its numerous branches crowded with deep bells, the edges softly rolled back and fluted. In July. Height 2 to 3 feet. **Blue**, **Rose** or **White**. 3, 45c; doz., \$1.60.

Persicifolia (Peach Bells). 1 1/2 to 2 feet high; many, small salver-shaped flowers. **Blue** or **White**. 3, 55c; doz., \$2.00.

Rotundifolia (Blue Bells of Scotland). 1 ft. Well set with nodding blue bells. June to August. 3, 55c; doz., \$2.00.

HARDY CARNATIONS

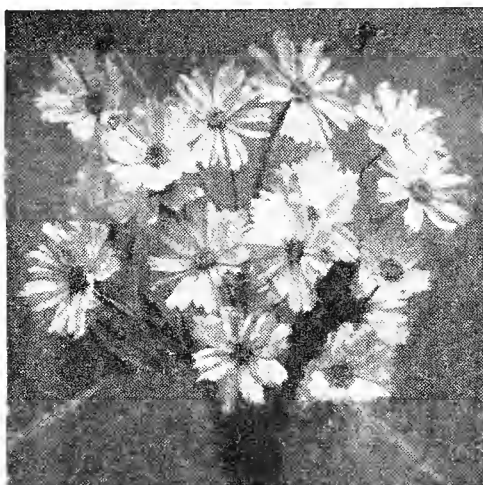
Crimson King A true Carnation, yet sufficiently hardy to plant outdoors with the other perennials and with just the usual gardening attention blooms prodigiously during about 5 months, June to November, with splendid double flowers 1 1/2 to 2 1/2 inches across, on stems 12 inches or more in length. The color is a rich, deep crimson-red; the spicy carnation fragrance very pleasing. 1-year, pot-grown plants: Each, 25c; 3, 65c; doz., \$2.25.

Hardy Harvard

(New). We take pleasure in introducing this new strain of garden carnation, believing it to be the hardest and most dependable of any outdoors carnation yet produced. Its history is glamorous. One English family has treasured it for many years; and it went to sea with an adventurous scion, to establish a new home in America. That was 75 years ago: It has withstood much gardening grief, and many bitter winters; yet still upholds its traditional character, beauty and usefulness. Similar to the American developed "Crimson King"; but much hardier, with more velvet in its crimson color, more perfect double petalage, and a dignified demeanor unmatched among the more transient garden flowers. We have named it "HARDY HARVARD"—in honor of its crimson color; its stability; and its distinctiveness. (See color illustration on front cover).
40c each, 3 for \$1.00; dozen for \$3.50.



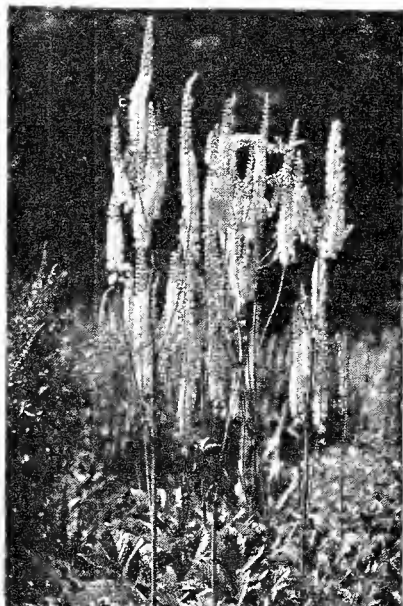
Cerastium tomentosum.



Coreopsis.



Shasta Daisies.



Cimicifuga.

CERASTIUM \diamond *tomentosum* ("Snow-in-Summer"). A low edging or carpet plant, with matted silver foliage and early white flowers. This is the showiest, longest lasting, and most valuable carpet plant, either silvery green or pure white from earliest spring until fall. Also excellent coverage on rocky slopes. 3, 45c; doz., \$1.60.

CENTAUREA (Knapweed). Free blooming, medium height border plants.

—*dealbata*. 2 ft. June, July. Rose-pink.

—*macrocephala*. 3½ ft. July and August. Large, thistle-like golden yellow flowers, good for cutting.

—*montana* (Mountain Bluet). 2 feet. Bearing large, loose petaled flowers of violet-blue from July to September.

All: 3, 55c; doz., \$2.00.

CHEIRANTHUS \diamond *Allioni* (Siberian Wallflower). A showy 12-inch rockery plant, ablaze all summer with close panicles of intensely bright orange flowers. Actually a hardy biennial, renewing itself by seeding. It is safer to engage fresh plants every year, the self-renewal being uncertain. 3, 55c; doz., \$2.00.

CHELONE *Lyonii* (Shellflower). A 2-foot border plant of grace and dignity. Numerous flower spikes of considerable bulk during late summer and fall; showy purplish red. 3, 55c; doz., \$2.00.

CHRYSANTHEMUMS

See HARDY GARDEN 'MUMS
on next page, 37.

CHRYSANTHEMUM *coreanum*. 2 to 4 feet. A modern introduction called "Korean Chrysanthemum." Very large flowers in October and November; the petals white or at one stage tinted pink, with golden center. Foliage clumps are compact, dark green. 3, 55c; doz., \$2.00.

SEE our SPECIAL OFFER in next column of six new Korean Hybrid 'Mums.

CHRYSANTHEMUM *arcticum* and

CHRYSANTHEMUM *maximum*

("Shasta Daisy"), are included below, as:

WHITE DAISIES

From May to
November

Extremely practical for garden planting, because of their protracted blooming season, and dependable display of white. Good for cutting.

Arctic Daisy (*Chrysanthemum arcticum*). Long before the flowers appear, its 8- to 10-inch clumps—veritable rosettes of very dark, shiny foliage—have been well worth while. From September into November a surprising quantity of stems spring up, each bearing a perfect daisy 2 to 2½ inches across, pure white with golden center, or fitfully tinged pale rose. 3, 55c; doz., \$2.00.

King Edward VII. An English strain, supplanting our American "Shasta Daisy," because of its larger, purer, more liberal flowers. 3, 40c; doz., \$1.50.

May-Flowering (Hartje & Elder's strain). Begins to bloom early in May so that its beautiful large sized flowers are available for Memorial Day continuing with liberal production most of the summer. Its rounded clump of varnished leaves remains until snowfall. 3, 55c; doz., \$2.00.

CIMICIFUGA *racemosa* (Snakeroot).

Good heavy foliage, with many 4-foot swaying flower spikes during July and August. The terminal flowers are small but in good sized clusters; pure white. Displayed to advantage as a background, or as punctuations among the undergrowth of woodlands. 3, 55c; doz., \$2.00.

COREOPSIS *lanceolata grandiflora*. 18 to 24 inches. The 2-inch, single terminal flowers are rich golden yellow, borne in great profusion nearly the entire summer on slender, wiry, upright stems. 3, 40c; doz., \$1.50.

DICTAMNUS *rubra* (Gas Plant). An interesting plant with dark ashlike foliage of pleasing fragrance; of shrubby, bushy growth 2 to 3 feet high, extreme long life. Numerous early flowers in upright racemes; rose red. Each, 25c; 3, 70c; doz., \$2.50.

—*Alba*. Very striking; pure white. Each, 50c; 3, \$1.25; doz., \$4.50.



NEW HYBRID KOREAN Chrysanthemums

This is a valuable new race of perennials introducing lovely pastel shades into October landscapes, with profuse single flowers. Height, 2 to 2½ ft.

Apollo The most profuse bloomer, the flowers 2 inches across. A sparkling combination of bronze, red and gold, suffused salmon.

Ceres Old gold blended with chamois-yellow; dusted with coppery bronze.

Daphne Flower 3½ inches across; a lovely daphne-pink with a sheen of lilac-rose, and prominent golden stamens.

Diana A charming blend of Chatenay-rose-pink blended with lilac-rose and soft salmon. Petals are triple rayed.

Mars Deep amaranth-red with a velvety wine-red sheen. The latest.

Mercury Bronze-red changing to coppery bronze. 3-inch flowers; early, showy, long lasting as a cut flower.

2¾-inch pot plants, ready in March:
50c each; 3 for \$1.35; doz., \$5.00.

The Daisy Chain

Flowers to Cut
Spring to Fall

MAY-FLOWERING
SHASTA DAISY
PAINTED DAISY
ARCTIC DAISY

12 3 each
postpaid \$1.85

S & H HARDY GARDEN Chrysanthemum

The following fine, rugged varieties assembled from Pompon, Anemone and various classes have proven hardy throughout the middle west, with some protection, during winter. It is advisable to cut off the old tops to a few inches above the ground, then cover with old straw or leaves before winter sets in. The best blooms will result from annual transplanting, separating the year-old clumps into small divisions.

All are plants from 2¼-in. pots after April 20th.

Aladdin.



EVERBLOOMING

Hardy Chrysanthemum

Aladdin This remarkable bronze variety commences to bloom even in small pots before it is safe to transplant outdoors; and after the roots have become established in their new home, the plant is never thereafter without a liberal show of bloom. In general from June continuously into November. Flowers are quite full and compact, 2½ to 3 inches wide, the close center either deeper or lighter toned; the cutting stems good length. The body color is bronze-gold, capriciously stained apricot, light red and damask rose. 30c each; 3 for 80c; \$3.00 per doz.

SEE FRONT COVER!

That beautiful park bed is our

'Pink Cushion'

A descriptive name. A 30-inch rounded mound of beauty, from July into October. The earliest pink 'Mum to bloom, with countless rosy buds and 2-inch opened flowers. A broad, low mound completely covered by its captivating flower clusters of tender lilac, blush and ivory white.

40c each; 3 for \$1.00; doz., \$3.50.



Adironda.

GENERAL COLLECTION

PRICE: 20c each; 3 for 55c; doz., \$2.00—Postpaid.

Adironda. 1½ inches. Flat but dense florets, thickly clustered; gleaming bronze overlaid red-orange.

Alice Howell. 2½ inches. A superb irregular single; yellow overlaid blood-orange.

Boston Bronze. 2¼ inches. Compactly incurved with dense center; warm amber-bronze with gilded tips. A desirable cut flower.

Bright Eyes. ¾ inch. Until finally unfolded, the incurving central petals show a strong orange-apricot, to contrast against blush white.

Brune Poitevine. 2 inches. Evenly rayed, numerous quilled petals of polished mahogany-red; the under side, tips and center flecked bronze.

Button Yellow. ¾-1½ inches. True button type; strong copper-yellow.

Capt. Cook. 1½ inches. Taller than most; formal flowers compactly bunched; solid lilaceous pink, the tight center amber tipped.

Cora Peck Buhl. 1¾ inches. Very full, compact flowers so interlocked as to suggest one immense bloom; deep gold with amber shading.

Crimson Beauty. 1-1½ inches. Velvety crimson-cardinal; recurved button type with noticeable tight center; a popular late cutting variety.

Excelsior. 1¾ inches. Rich golden yellow of delicious softness; compact, in alluring clusters.

Gipsy Queen. 2-2½ inches. Fat amaranth buds opening to Indian red; the semi-quilled collar lined bronze.

Glory of Seven Oaks. 2½ inches. Earliest yellow, usually starting in July; rich golden yellow.

Jean Cumming (New). Large flowers; clear white, with softest yellow and bluish shades at center. A good keeper.

Little Red Foot. ¾-¾ inch. Perfect buttons; red-mahogany around a tight dark center.

Mrs. H. Harrison. A beautiful new kind, very popular for cutting. Medium size, fully double, in large clusters; warm shell-pink with a distinct cream-pink sector at center.

Muskokah. 3-4 inches. An oversize pompon in sprays of six to ten flowers; rich golden bronze.

Ouray. 1-1½ inches. A dainty, mid-season type; red-brown with faint bronze edging.

Petit Louis. 2-2½ inches. One of the earliest; of bushy habit, with enveloping heavy clusters. Buds deep rose, the wide flowers an uncertain distribution of blush-white and lilac.

R. Marion Hatton. A good variety for mass effect; extra free, early, and quite resistant to early frosts. Color bright canary-yellow.

Rodell. 1-1½ inches. Early season, dense clusters; bright canary.

Rose Travena. 1-1¼ inches. Deepest solid cerise-pink; a fine showy color in attractive semi-button type.

The Belle. 2½ inches. Wide-branched, showy late bloom; single, blush white flowers with flashing anemone center of canary and primrose.

Uvalda. 2¼ inches. Bulky, short-quilled, full; earliest blush white.

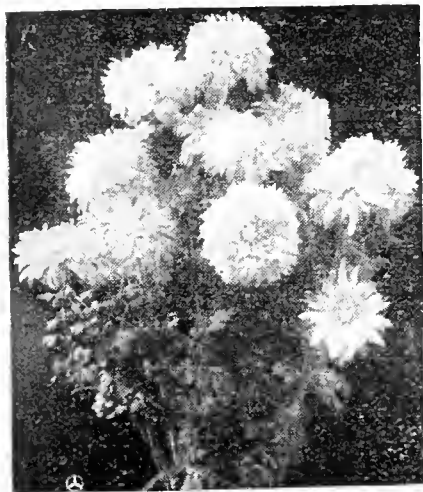
White Doty. 2 inches. Tall and free; beautiful rounding, close-quilled florets packed into imposing tufts on the leader, with lesser clusters on the branches. Milk white, somewhat creamy at center.

SPECIAL OFFER

6

Hardy 'Mums,
our selection
of six kinds,

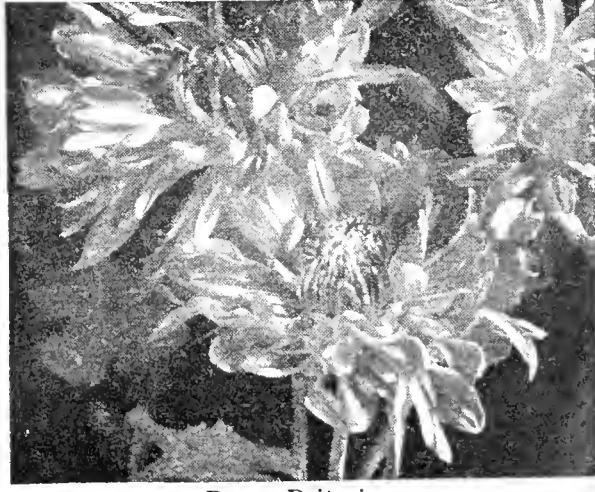
\$1.00



Capt. Cook.



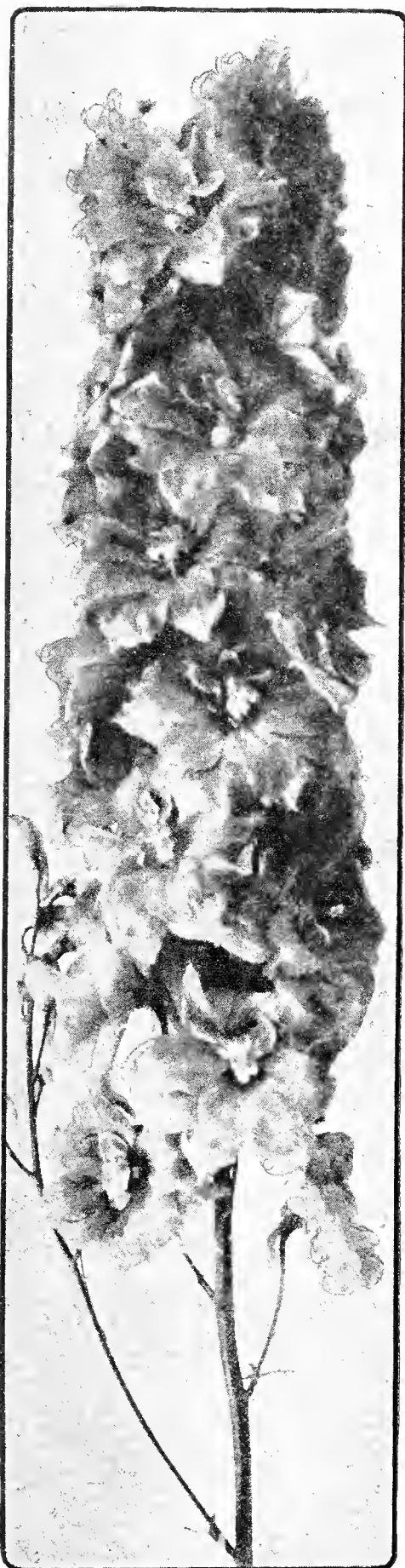
Cora Peck Buhl.



Brune Poitevine.

DELPHINIUM**[Larkspur]**

There is no family of perennials more in the public mind today or showing greater improvements, than Delphiniums. When Delphiniums bloom, from June till frost, their long, showy flower spikes protrude to a height of 3 to 4 feet, so that the plants belong in the background of perennial groups, or in the foreground between shrubs.



Wrexham H-H Delphinium.

Belladonna A magnificent sort with large spikes of the most delicate turquoise-blue.

Bellamosa Very dark blue variety, strikingly contrastive.

Both: 2-yr., 3, 55c; doz., \$2.00; 100, \$12.00.

S. & H. Supreme Hybrids An assemblage of

thrifty 1-year plants, grown from selected English seed (chiefly Blackmore & Langdon's), with a small per cent added from prominent American strains. Mixed only: 3, 65c; doz., \$2.25.

Wrexham Hollyhock Strain

Under English conditions and cultivation, this highly developed strain attains 4 to 6 feet and produces flower heads of abnormal length and thickness; but American growers cannot expect quite so much. The most distinguished feature is the great size of the florets, and their peculiar setting along the spike, so like the Hollyhock. We offer strong, 2-year, field-grown plants raised from choicest imported Wrexham seed. 3, 75c; doz., \$2.50; 100, \$15.00.

1935 SPECIAL: 2¼-inch pot plants, thrifty, well-rooted; from fresh crop imported English seed. Transplanted into good soil, and favored by good growing conditions, this product makes remarkable development, with highly satisfactory flower spikes the first season. 3, 40c; doz., \$1.50; 100, \$10.00.

Dwarf Larkspur (Delphinium chinense). Contrary to character of the foregoing, this type is short and slender in growth, 15 to 18 inches, very desirable for low bedding and borders; good size flowers. **Blue**—a very deep purplish blue. 3, 40c; doz., \$1.50.

DIANTHUS ♦ **Hardy Pinks**

Short, dense growth and glaucous grassy foliage and abundant fragrant flowers all summer, throw these delightful subjects into the edging foreground.

Alpinus Allwoodi ♦ 6-inch growth, just right for rockery. Shades of rose and pink. July and August. 3, 55c; doz., \$2.00.

Barbatus (Sweet William). Great richness and variety of coloring; beautifully marked. Numerous broad compact trusses of single flowers like Phlox. **Blood Red, Giant White, Newport Pink and Scarlet Beauty.** 3, 40c; doz., \$1.50.

Deltoides ♦ (Maiden Pink). 18 inches. A charming slender-stemmed type, foliage prostrate; mass of small pink flowers, carmine to light coral. May and June. 3, 55c; doz., \$2.00.

Plumarius semperflorens ♦ mixed. Noted for spicy fragrance and rich coloring, with long cutting stems. 3, 40c; doz., \$1.50.

HYBRID PINKS

Beatrix ♦ 18 inches. A charming innovation among hybrid pinks, constantly in bloom from June on. The flowers are double, very free, soft salmon-pink, good for 2 weeks when cut.

Furst Bismarck ♦ In constant luxurious bloom from early June till frozen down in late November. The color is an even rose-pink.

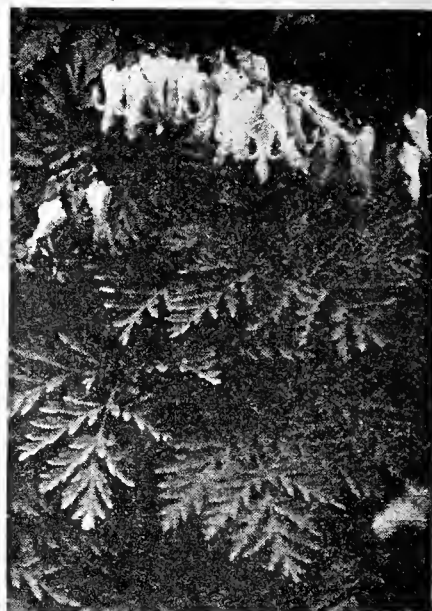
Her Majesty Very large flowers, spicily fragrant. Purest white.

Robert One of the choice "Everblooming" type; clove-scented, long-stemmed, from early spring till late autumn; tinted white; maroon-red center. Four above: 3, 70c; doz., \$2.50.

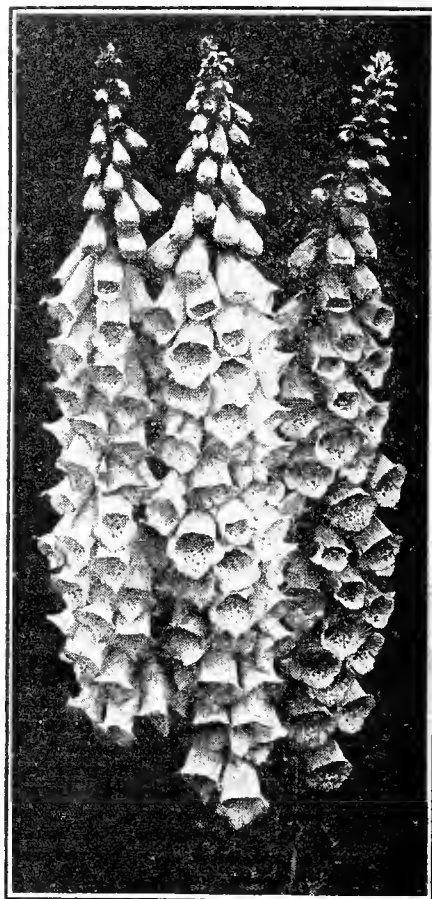
DICENTRA Bleeding Heart ♦

Eximia (Plumy Bleeding Heart). 15 inches. Compound racemes of deep rose, the heart-shaped flowers tapering to a long slender neck. The fine-cut, celery green foliage makes a lacy mound of striking ornamental value; short-stemmed bloom always in evidence from early spring into fall. 3, 55c; doz., \$2.00.

Spectabilis. 2 feet. One of the most delightful of all the early spring-flowering plants, bearing numerous rosy red heart-shaped flowers pendent from arching stems. (Color Page C). Each, 40c; 3, \$1.00; doz., \$3.50.



Plumy Bleeding Heart.



Foxglove.

DIGITALIS
[Foxglove]

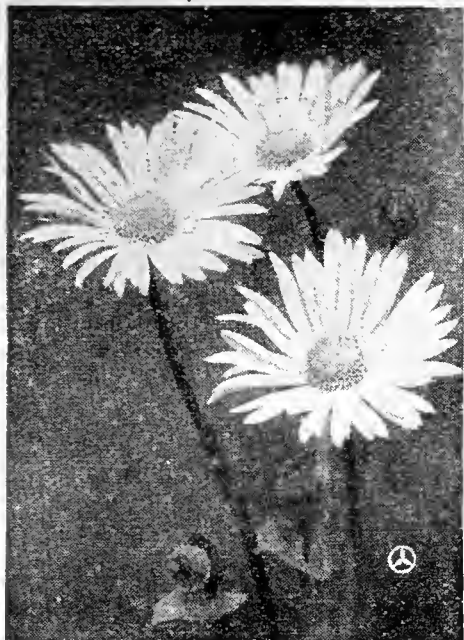
Impressive, tall spired, heavy foliaged plants of value for background massing; serviceable in semi-shade.

Ambigua. 2 to 3 feet. Midsummer. Flowers yellow, marked with brown.

Giant Shirley Foxgloves. 6 to 7 feet high, with flower heads 3 feet or more long, crowded with big bell-shaped florets. Colors range from white and shell pink to deepest rose, dotted with crimson and chocolate. **Mixed.**

Gloxiniaeflora. A grand display of thimble-shaped flowers in immense spikes during July and August. Tall growing with large rough foliage. Separate colors: **White, Rose, Purple or Mixed.**

All: 3, 55c; doz., \$2.00.



Doronicum Excelsum.



Edelweiss.



Gaillardia Grandiflora.
The Gipsy Blanket Flower.

DORONICUM \diamond *excelsum* (Leopard's Bane). A superb cut flower for May and June, the perfect rayed Daisy flowers a brilliant canary-yellow, 3 inches wide. Blooming plants average 2 feet in height, stool heavily, and are extremely showy. 3, 85c; doz. \$3.00.

ECHINOPS *ritro* (Globe Thistle). 2 to 3 feet. Thistle-like plants with globular heads of deep metallic-blue flowers. Can be dried for winter decoration. Each, 25c; 3, 70c; doz., \$2.50.

EDELWEISS \diamond (*Leontopodium alpinum*). A splendid, typical Alpine plant, 4 to 6 inches; small yellow flowers, June to August, surrounded by starlike heads of leaves which are clothed with a dense white woolly substance. 3, 65c; doz., \$2.25.

ERIGERON *speciosus*. 2 feet. June and July. Very large, terminal, aster-like flowers, of considerable gardening value and excellent for cutting. The slender rays are perfectly aligned, a brilliant blue slightly overcast violet, streaking away from a button center of gold. 3, 65c; doz., \$2.25.

ERYNGIUM *amethystinum* (Sea Holly). A highly ornamental plant growing 2 to 3 feet high, with hard, angular stalks; fine cut, spiny foliage. The true blue thistle, stems and bracts a glistening amethyst blue. 25c each; 3, 65c; doz., \$2.25.

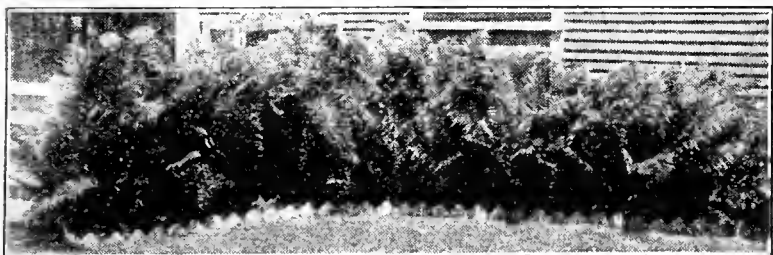
EUPATORIUM *coelestinum*. All-covering cymes of pretty purplish blue, ageratum-like flowers good for cutting. 2 feet. August to October. Valuable because of its scarce color for that season. 3, 55c; doz., \$2.00.

EUPHORBIA

Corollata (Flowering Spurge). 2 ft. A branchy, low growing plant with fine stems and foliage, literally covered from June to August with loose umbels of pretty white flowers. Good for cutting in long sprays; and one of the most charming midseason mist-flowers. 3, 55c; doz., \$2.00.

Myrsinites \diamond . Small, creeping plants of striking beauty, when protruding from wall pockets; or on the garden level, when the upright growth forms close ranks of 6-inch stems, covered with fleshy, oblong, concave pointed blue leaves in close spirals; the spring flowers yellow in crowded umbels. 3, 70c; doz., \$2.50.

Polychroma \diamond . 1 foot. Attractive hemispheres of many stems clothed with dark green, oblong leaves. Yellow flowers May and June, in 5-rayed umbels which snuggle into a whorl of leaves, also yellow tinged. 3, 85c; doz., \$3.00.



A planting of Hardy Ferns.

HARDY FERNS

Many people go to the woods for wild ferns to tuck in here and there against shady foundations. Few live or prosper; but here is a list of hardy, nursery grown varieties, for that purpose.

ADIANTUM *pedatum* (Maidenhair). Will do well in shade or sun, not particular as to soil. Needs moisture and good drainage. Its airy poise and delicate frond texture make it an excellent pot or rockery plant. Height 15 inches.

ASPIDIUM *acrostichoides* (Christmas Fern). 15 inches. "An evergreen fern," best in shady location, deep green fronds and an excellent species for rock gardens.

ASPIDIUM *marginale* (Evergreen Wood Fern). 18 inches. A valuable fern for rockeries. Fronds light green, 3 to 4 inches wide.

ASPIDIUM *spinulosum* (Spinulose Wood Fern; Shield Fern). 18 inches. An "evergreen fern" with handsome and finely dissected fronds. Requires a rich moist location. A splendid fern for rockeries.

ONOCLEA *struthiopteris* (Ostrich Fern). 3½ feet. Very stately, likes partial shade and moisture, but does well in a dry location.

Price: 3, 55c; doz., \$2.00; 100, \$12.00.
★ One each of the 5 varieties for \$1.00. ★

FUNKIA (Day Lily). Thick-leaved, substantial plants valued even more for their foliage than for their flowers. They are also adaptable to a shady location.

—**subcordata alba** (White Day Lily). Gracefully arching, very broad heart-shaped leaves of light green, with noticeable ribs. Prominent flowers in August; waxy white long tubes with flaring bells, pendent like Lilies in whorled racemes, sweetly fragrant. Popular for low, narrow foundation planting along the east or north sides. 3, 70c; doz., \$2.50; 100, \$15.00.

—**undulata variegata** \diamond . The leaves are broad and definitely fluted, pale green with a broad white central band and varying streaks; the flower stems just long enough to clear the foliage clump; small pendent blue florets in loose racemes. 12 to 18 inches. 3, 70c; doz., \$2.50; 100, \$15.00.

GAILLARDIA *grandiflora* (Blanket Flower). Makes an unfailing supply of bloom in those rich, tawny shades so highly prized. Flowers often measure 3 inches in diameter, on clean 2-foot stems. A hard center of deep maroon is thickly bordered by petals of orange and yellow, ringed by circles of crimson, red and maroon. (Kelway's improved strain). 3, 40c; doz., \$1.50.

—**Portola Hybrids**. 2½ to 3 feet. A new type of vigorous growth and flower production. Flowers extra large and perfect, an ideal cutting type; brilliant coppery scarlet rimmed in gold. 3, 55c; doz., \$2.00.

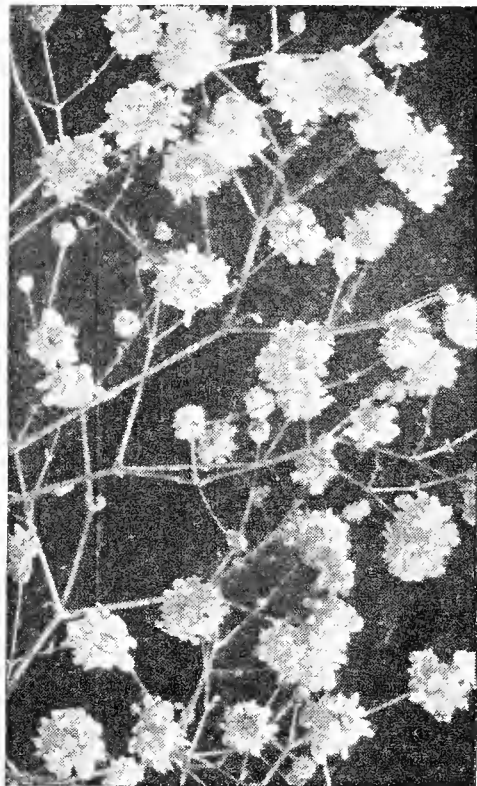
GERANIUM *sanguineum* (Cranesbill). 2 feet. An excellent plant for naturalistic locations in the shade. The foliage shaped like geraniums but smaller; flowers single in small clusters, very light purple. 3, 70c; doz., \$2.50.

GEUM. 1½ feet. Brilliant, beautifully ruffled double flowers resembling Carnations, on long, slender upright stems. June to September. (Illustrated on Color page C.)

—**Lady Stratheden**. Bright golden yellow.

—**Mrs. Bradshaw**. Showy double crimson-scarlet.

Both: 3, 70c; doz., \$2.50.



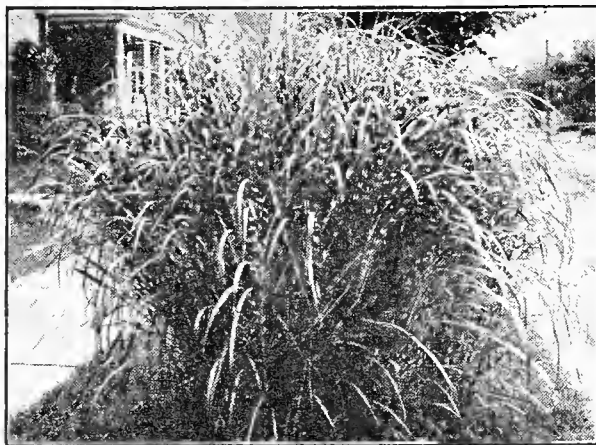
Gypsophila, "Bristol Fairy".



Helianthus, Riverton Gem.



Helianthus Multiflorus Plenus.



Zebra Grass.



Mallow Marvel.

HARDY GRASSES

EULALIA. Very useful as solitary clumps, or as 4- to 5-ft. backgrounds.

—**gracillima univittata** (Japan Rush). Narrow green leaves.

—**japonica variegata.** Long narrow leaves, striped white.

—**zebrina** (Zebra Grass). Gracefully conspicuous with its variegation of horizontal, creamy white bars.

ELYMUS glaucus (Blue Lyme Grass). 2½ to 3 feet, the narrow silvery blue leaves arching to the ground.

FESTUCA glauca (Blue Fescue). 12 inches, Just grass, but delightful as it grows in narrow-leaved dense tufts, a pretty bright blue.

PHALARIS arundinacea variegata (Ribbon Grass). 1½ to 2 feet. Broad leaves striped lengthwise with cream. All Grasses: 3, 40c; doz., \$1.50.

GYPHOPHILA

[Baby's Breath]

Paniculata (Baby's Breath). A branching fine-stemmed 2- to 3-ft. mound. During July a fleecy white mass largely used for mixing with high-colored flowers. 3, 50c; doz., \$1.50.

Double Baby's Breath (G y p .

flore pleno). Indescribably beautiful during July and August, when its 2- to 3-ft. mounds of fine-meshed branches are a silvery cloud of bloom. The tiny white florets are compactly double, larger and more of them, consequently more showy than the single type. Keep well in water and dry beautifully. Each 40c; 3, \$1.00; doz., \$3.50.

Bristol Fairy A sensational new development of the double flowered Gypsophila, a very valuable cutting subject, with much larger florets in fuller panicles; the blooming season naturally longer, and possible of continuous all-summer show if earlier bloom is removed. Pure white, slightly blushed in cool weather. Each, 30c; 3, 80c; doz., \$2.75.

Repens (G y p .). A beautiful trailing plant for the rockery, with clouds of small white flowers in July and August. 3, 65c; doz., \$2.25.

HELIENIUM—Riverton Gem. Quick growing, branching plants. 3 to 5 feet high. Old gold gradually changing in streaks to wallflower-red; the warm, rich shades of autumn. 3, 55c; doz., \$2.00.

HELIANTHUS multiflorus plenus (Hardy Sunflower). 4 feet. Double like the decorative dahlias, bright yellow. 3, 55c; doz., \$2.00.

HELIANTHEMUM (Fickle Sunrose). Of procumbent shrubby character, about 12 inches high, the young growth stiffly erect. Abundant inch-wide flowers in loose racemes, capriciously varying in color. A delightful dwarf border and rockery subject. June and July. Mixed colors. 3, 65c; doz., \$2.25.

HELIOPSIS (Orange Sunflower).

—**excelsa.** 3 feet. Dwarf type of Helianthus, blooming earlier and profusely. Chrome-yellow. July and August. 3, 65c; doz., \$2.25.

—**Buttercup.** Bright yellow. { 3 for 70c; } doz., \$2.50

—**Fireball.** Orange-flame. } doz., \$2.50

HELICHRYSUM angustifolia. (Hardy Strawflower). Attractive white permanent flowers. 3, 70c; doz., \$2.50.

HELLEBORUS niger (Christmas Rose). 12 inches. Beautiful, waxy, 2-inch flowers during February or March; white, flushed purple. Plant in sheltered, well drained, partially shaded spot. Each, 60c; 3, \$1.50.

HEMEROCALLIS—flava (Lemon Lily). 3 feet. Crowned by beautiful lemon-colored flowers 3 to 4 inches in diameter, delightfully fragrant. June. —**Florham.** 3 to 3½ ft. June and July. Large trumpet flowers, golden yellow tinged a dusky Indian yellow.

—**kwanso fl. pl.** (Double Orange Lily). Flowers semi-double, deep copper with reddish spots; long seasoned.

—**Thunbergi.** Funnel-shaped flowers of buttercup yellow in July. 4 feet. 3, 65c; doz., \$2.25.

HEPATICA triloba (Liver Leaf). 4-inch. Thick leaves, light blue flowers in spring. Prefers shade. 3, 55c; doz., \$2.00.

HESPERIS matronalis (Sweet Rocket). Stout, bushy plants 3 to 4 feet high, with showy terminal spikes of pink flowers in June and July. 3, 55c; doz., \$2.00.

HEUCHERA (Coralbells). Dainty, leaves round, scalloped and purple tinged, in low tufts. The beautiful flowers are in terminal panicles on slender upright stems.

—**brizoides.** 18 to 24 inches. May and June; light pink.

—**Pluie de Feu.** Gracefully loose panicles, very free; fiery red.

—**sanguinea.** 12 to 18 inches. June to September; coral-red.

All: 3, 70c; doz., \$2.50.

HIBISCUS (Mallow). Of quick shrubby growth requiring 4 feet of space, bearing quantities of large fall flowers like single Hollyhocks; a showy background. Shades of red, pink, and white. Mixed. 3, 45c; doz., \$1.60.

—Separate: Red, Pink or White. 3, 55c; doz., \$2.00.

HOLLYHOCKS

Double Flowered Large rosettes of paper-like tissue, very compactly layered. **Crimson, Yellow, White, Maroon or Pink.** 3, 40c; doz., \$1.50; 100, \$10.00.

Single Flowered "Allegheny" or Mammoth Fringed. Tall; very large fringed flowers; all colors. Mixed. 3, 40c; doz., \$1.50; 100, \$10.00.

Anemone Flowered The New English "Imperator." Magnificent big Anemone flowers in many pastel combinations. 3, 55c; doz., \$2.00.



German Iris, Her Majesty.



German, Alcazar.

Japanese, Warai-hotei or
"Laughing Doll."

IRIS

Irises are used for garden clumps; for borders in solid rows or evenly spaced groups; in the foreground of shrubbery groups, and to some extent in narrow spaces against the foundation — as much on account of their

compact, hedging foliage so attractive all the year, as for the beauty of their flowers.

PRICES, POSTPAID

Each	3	Doz.
20c varieties	\$0.55	\$1.75
30c "	.75	2.50
35c "	.90	3.00

German Iris The French "Fleur-de-Lis"

Early bloom, May and June, massive, fragrant.

Alcazar 8.6. Very large, broad petals. Lilac-blue with bronze throat; falls violet-purple. 20c.

Ambassadeur 9.2. The finest bronze type; large flowers of great substance. The standards are a murky bronze effect, combining yellow with hyssop-violet. The broad falls are velvety, rich carmine-purple. 20c.

Asia 9.3. Late blooming; fragrance of cinnamon. Standards massive, silvered lavender above a golden base; falls pale reddish purple with lighter clouding. 35c.

Ballerine 9.0. An attractive new variety of medium blue effect, quite fragrant. S. light blue-violet with waved margins; F. deep shaded. Tall, stocky. 35c.

Caprice 7.1. Flowers large and rounded, claret or rosy lilac, darker in the falls; fragrance of grapes. 20c.

Gold Imperial 8.6. A new all-over yellow, larger and deeper toned than Shekinah; uniform lemon-crome with orange beard. 30c.

Her Majesty White, strongly suffused pink towards the edges and veined crimson. 30c.

Iso-line 8.3. A parti-colored variety; standards pale, pinkish buff flushed with mauve; the sharply reflexed falls Chinese violet with russet tints at edges. 20c.

Lohengrin 7.6. A soft orchid-rose, graduating to rosy white at the claws. 20c.

Lord of June 8.8. A very tall, full-headed variety; practically solid light blue-violet. 20c.

Princess Beatrice 9.0. Tall; sweetly scented; lavender-blue slightly silvered. 20c.

Queen Caterina 8.8. A one-color Iris; azure-lilac with silvery coating. 20c.

Seminole 8.3. The best red Iris. S. dark violet-rose; F. rich, velvety crimson. 35c.

Sherwin-Wright 7.7. Solid, butter-cup-yellow. 20c.

Souv. de Mme. Gaudichau 9.1. A beautiful violet-blue in the overlapping standards; the drooping falls very dark and velvety in mid-night purple; extra large. 35c.

Susan Bliss 8.5. Exquisite flowers, deep rose-pink with light orange beard. 30c.

Zua (Intermedia). Soft blue-grey, fragrant; texture of crepe paper. 20c.

Siberian Iris SIBIRICA

Compact; with narrow grassy foliage and slender, upright stems; furnishing a prodigious amount of medium sized flowers between the German and Japan sections.

Orientalis (Atrosanguinea) Intense violet-blue, the bud enclosed in crimson spathe valves. 3 feet.

Perry's Blue. Tall; pure sky blue.

Snow Queen. Ivory-white. 3 feet.

Each, 15c; 3, 40c; doz., \$1.50.

Dwarf Iris IRIS PUMILA

Low-growing, quickly spreading; useful as an edging to the taller Germanica class, as a low mass bedder for earliest (April-May) bloom, and for distribution in rockeries.

Atrovioleacea. Violet-mauve with maroon-red veining.

Cyanea. Violet-purple.

Excelsa. Pale canary-yellow.

Orange Queen. Rich orange.

The Bride. Blush-white.

Each, 20c; 3, 55c; doz., \$2.00.

THE SET
One Each **\$1.00**
(5 roots)

S&H Japanese Iris IRIS KAEMPFERI

Last of the wonderful Iris procession in point of season; but for size of plant and flowers, shapeliness, richness of coloring, beauty of pattern, and splendor of general effect, is unquestionably accorded first. Their flowers are generally rather flat and wide, often measuring 10 to 12 inches across, appearing in great profusion during June and July after the Germans are through. Give good, rich light soil, plenty of water, and frequent cultivation.

See illustrations of 8 varieties on Color page D.

The following varieties are arranged according to their relative blooming season; the collection very distinct, color-balanced, and justly popular.

1—**Gekka-no-nami** (Waves Under Moonlight). Earliest to bloom, and very free. Glistening white with creamy white stigmas. 30c.

2—**Kumo-no-obi** (Band of Cloud). The lower and upper petals being nearly equal in size, make a very full flower and a solid blotch of color. A pleasing general effect of lavender, derived from the laying on of white in distinct rays and halo over deep rose. 30c.

3—**Koki-no-Iro** (Purple and Gold). Enormous, double flowers often 10 inches across. Color, rich violet-purple with white petaloids tipped violet; a golden throat with bluish white rays. 30c.

4—**Moniji-no-taki** (Maple Waterfall). Bright rosy crimson, beautifully feathered in white. Petaloid-stigmas white, purple crested. 30c.

5—**Uchiu** (Universe). Largest size, longest stems, longest blooming season. Color cerulean blue with golden center and white halo. Standards white, tipped blue. 30c.

6—**Sea Crest** Six-petaled, big and wavy; frost white, with a deep blue haft. A rift of blue in the glistening spray of whitecaps. 30c.

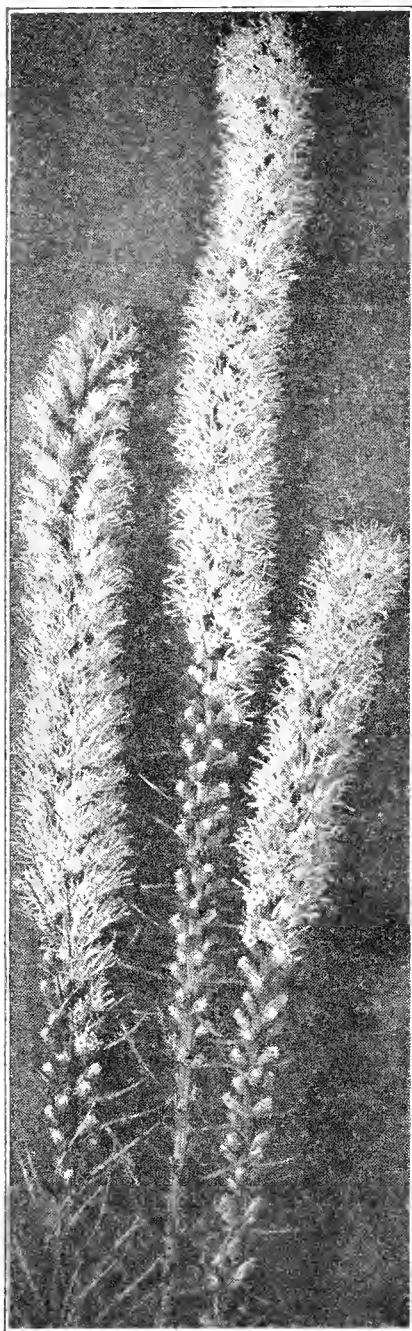
7—**Zama-no-mori** Larger than a majority of varieties, although only three-petaled; one of the daintiest. White, with a heavy azure-blue zone; short white standards margined blue. 30c.

8—**Mahogany** Large, double flowers, among the latest to bloom. Velvet toned, deep mahogany-red; the erect petaloids prettily crested. 45c.

9—**Iso-no-nami** (Shallow Waves). A magnificent broad-petaled variety; one of the largest; a nebulated suffusion of rose and cerulean blue over grey, deepening toward the gold flushed center of rosy lilac. 45c.

10—**Warai-hotei** (Laughing Doll). A choice new variety; thick and massive, the fullness accented by an extra heavily crested center. The color effect is deep lavender enriched by lilac suffusion, and richly contrastive velvety violet center. The golden haft is bordered ultramarine blue which extends as a distinct veining over a silvered field, to the broad, dark rose-flecked margin. 55c.

10 ABOVE S&H JAPANESE IRIS SET \$2.50
One of each variety by mail,
postpaid for.....



Liatris ("Gay Feather")

LUPINUS polyphyllus (Lupine). Conspicuous, lovely, pea-shaped flowers, on spikes a foot long, on 3-ft. stems, the foliage below also attractive in many-leaved whorls. Although the plant is hardy, it must be guarded carefully against drying out. In separate colors—**Blue, Rose or White.**

—**Sweet Scented Hybrids.** A delightful innovation. **Mixed.**
All: 3, 70c; doz., \$2.50.

LYCHNIS. Thrifty plants of moderate growth valued for the blazy effectiveness of their summer flowers.

—**chalcidonica** (Maltese Cross). 2½ feet. Heart-lobed stars of brightest vermilion, arranged in large flat panicles.
3, 55c; doz., \$2.00.

—**viscaria fl. pl.** (Lamp Flower). A bushy plant 2 to 2½ feet high. Almost evergreen foliage; in June and July fairly ablaze with close spikes of crimson double flowers. 3, 70c; doz., \$2.50.

LYTHRUM roseum superbum (Loosestrife). Shrubby perennials growing 2 to 5 feet under varied cultivation, at their best in cool and moist location. Bright rose-colored flowers in long terminal racemes from June intermittently to September.
3, 65c; doz., \$2.25.

MAZUS reptans◊. A close matting ground cover and rock plant, with good small foliage; covered in early spring with short, claw-like racemes; lilac-blue, the lower petals tipped white, yellow and purple. 3, 70c; doz., \$2.50.

MERTENSIA virginica (Blue Bells). 18 inches. Native of the woods and borderlands, when once established should not be disturbed. Pretty tubular flowers in drooping racemes during May and June, at first a warm blue gradually discoloring to pink. 3, 40c; doz., \$1.50.

MITCHELLA repens (Partridgeberry). Creeping evergreen plants useful as matting and under trees, or in shaded rockery. The small white flowers are pretty, but its scarlet fruits nestling among the shiny evergreen leaves are a winter delight. 3, 70c; doz., \$2.50.

MONARDA, Cambridge Scarlet. A 2-ft. bushy coarse-leaved plant, covered with round, full heads of red flowers with a ragged petalage. Known as "Bergamot," "Oswego Tea," "Mint," etc., on account of the delicious fragrance of the leaves when crushed. Attracts humming birds and bees.
3, 65c; doz., \$2.25.

MYOSOTIS◊ **palustris.** The true "Forget-Me-Not," appealing in its modest, azure beauty and cherished for its sentiment. Bushes up to 18 inches, blooms profusely during early summer. 3, 55c; doz., \$2.00.

Hardy Myrtle◊ See Vinca Minor, page 47.

NEPETA◊ **Mussini** (Caucasian Catnip). 1 to 1½ feet. Beautiful lavender flowers produced in masses. Can be trained and sheared as a dwarf edging. 3, 55c; doz., \$2.00.

IBERIS◊ (Hardy Candytuft). Dwarf hardy bordering plants with handsome dark evergreen foliage, when in bloom a covering sheet of substantial flowers.

—**gibraltarica.** 12 inches. Delicate lilac flowers of rather large size. May and June.

—**sempervirens.** 10 inches. Pure white flowers, fragrant, in early spring; the plant compactly spreading.

Both: 3, 55c; doz. \$2.00.

INULA◊ **Royleana.** 2 feet. Unbranched stems, with numerous ovate leaves. Flowers large, daisy-like, petals separated; orange-yellow, with conspicuous black buds. 3, 70c; doz., \$2.50.

LAVANDULA vera (Sweet Lavender). 18 inches. July and August. Sweetly fragrant spikes of little blue flowers.
3, 65c; doz., \$2.25.

LIATRIS. Unique, showy, slender punctuation plants with erect flower stems foliaged like the Lilies, with purple flower spikes.

—**pycnostachya** (Kansas Gay Feather). 4 to 5 feet. Feathery spikes of rosy purple, about 18 inches long. July-August.

—**scariosa.** 3 to 4 feet. Deepest purple in color, with long but interrupted racemes. August-September.

Both: 3, 55c; doz., \$2.00.

LILIES and **LILY-OF-THE-VALLEY.** See page 57.

LINUM perenne (Blue Flax). Very desirable within dwarf perennial beds, very much at home in rockeries. The plant bushes up evenly about 24 to 30 inches with feathery, glaucous foliage; the surface spangled with perfectly round, flat, solitary, azure-blue flowers from May to August. A fresh crop with each morning's dew. 3, 55c; doz., \$2.00.

LOBELIA cardinalis (Cardinal Flower). Intense cardinal-red flowers arranged in stocky spikes 15 to 18 inches long, keep the plant afloat throughout August and September.
3, 70c; doz., \$2.00.

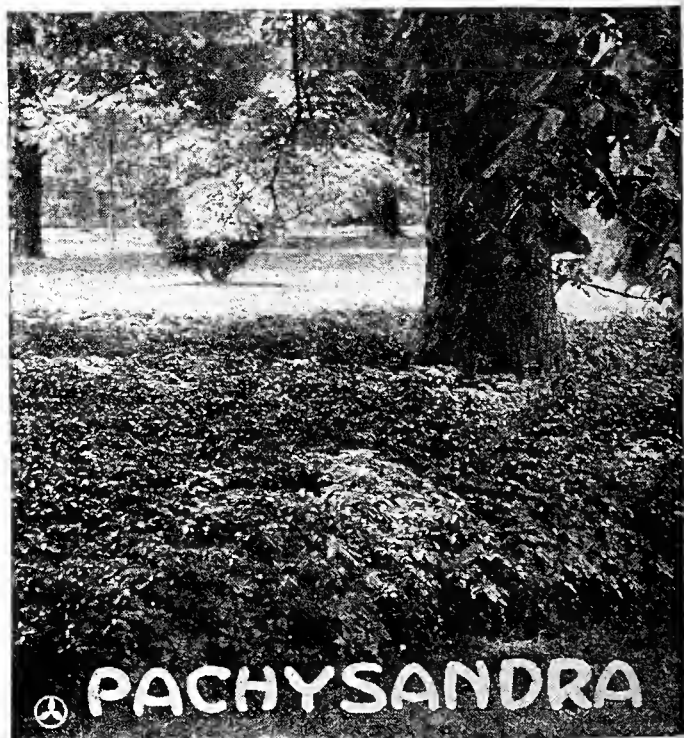


Sweet Scented Lupine.

OENOTHERA◊ **missouriensis** (Ozark Sundrops). Solitary, single, golden flowers 5 inches across, buds copper-red all summer; the plant itself prostrate, with ascending branches. 3, 70c; doz., \$2.50.

PACHYSANDRA◊ **terminalis.** One of the best ground covering plants, particularly valuable in shade, averaging 6 to 8 inches in height and branching freely into a dense mat. Its shapely indented foliage is practically evergreen; thick, rubbery, lustrous. Set 4 inches apart.

3-inch pots—By mail, postpaid: 3, 40c; doz., \$1.50. By express: 100, \$8.00; 1000, \$70.00.



PACHYSANDRA

PENTSTEMON {Beard Tongue}

- Coral Gem.** 3 ft. Small, brilliant, coral-red bells in uncrowded distribution along slender, nodding stems. They do not take up much room, but are showy, sparkling among other flower heads. July and August. 3, 55c; doz., \$2.00.
- Shell Pink.** 2½ to 3 feet. Inclined to rigid erectness; the flowers and spikes extra large; shiny shell-pink. 3, 55c; doz., \$2.00.
- Sensation.** Numerous gloxinia-shaped flowers borne in long spikes from May until frost. A mixed lot including white, pink, rose, crimson, spotted and margined. **Mixed.** 3, 70c; doz., \$2.50.

PEONIES

The Peony bears the first big flower crop of June, and is a close rival of the Rose. Peony blooms are very lasting when cut, and in most cases are exquisitely scented. Plant 2 to 3 feet apart in deep, rich, well-prepared soil, covering the eyes but an inch or two. First crop the second year.

Spring planting of Peonies is practical if done **early**, before the new shoots become too long. In spring we sell only the carefully stored stock prepared in September for fall delivery, but which did not completely sell out.

As this copy is being prepared, the varieties listed below are the only kinds on hand in quantities large enough to be safely offered by name. However, we can probably furnish most varieties listed in our last fall catalog, at listed prices. The special offers on this page, although not named, are genuine bargains and well worth taking on.

Double Peonies

3- to 5-Eye Divisions

- Albatre** 8.7. Milk-white shaded ivory, the interior petals slightly tinged with lilac, which condenses to a carmine thread at the edges; midseason. 35c.
- Albert Crousse.** 8.6. All-over pure shell-pink, edged creamy white; large, full and high built, late. 35c.
- Baroness Schroeder** 9.0. Fine cut flower sort, large, full rose type. Flesh-white changing to pure white; very fragrant; midseason. 50c.
- Duchesse de Nemours.** 8.1. Large and full; shapeliest, best commercial white, uniquely tinged with sulphur. 35c.
- Edulis Superba.** 7.6. Very large, round and fluffy flower, bright rose-pink, with silvery reflex and crinkled petals; a charming mottled appearance. One of the earliest. 35c.
- Felix Crousse** 8.4. Midseason. Large, round heads perfectly double; deep crimson, marked cardinal at base of petals. A favorite. 50c.
- Festiva Maxima.** 9.3. High built flowers borne on long stiff stems; the earliest; purest white, inner petals slightly tipped carmine; an age-old favorite. 35c.
- Germaine Bigot** 8.5. A splendid bedding variety, the clustered flowers broad and massive. An intermingling of pale rose, white and ivory with shell-pink suffusion, and peeping golden stamens. 50c.
- Karl Rosenfield** 8.8. Pure, rich, intense crimson. Of half-rose type, it makes and remains a splendid full, rounded substantial flower. 50c.
- La Perle.** 8.5. Very large, compact, globular, rose type. Lilac-white, with blush center flecked carmine. 50c.
- Marguerite Gerard.** 8.4. Magnificent, broad, thick heads of hydrangea-pink, marbled on creamy white and further enriched by collars of golden anthers. 35c.
- Marie Jacquin** 8.3. ("The Water Lily Peony"). Beautiful single and semi-double flowers; the waxy, pure white cups with crowded center of golden stamens, create the delightful impression of water lilies riding the surface of a moss-green pool. 75c.
- Mme. de Verneville.** 7.9. Medium-sized, globular flower, petals crinkly and semi-transparent. Creamy white flaked purple at center. A delightful, clustered bedder. 35c.



Mons. Jules Elie.

- Mme. Ducler** 7.9. One of the choicest varieties for cutting, both as to form and color. Shaped like the high built Chrysanthemums, and colored evenly a warm, true pink; holding its form. 35c.
- Mme. Emile Galle.** 8.5. Late blooming. Shell-shaped petals of blush, waxy white at base; center a warm shell-pink. The half opened buds are exquisite. 50c.
- Mons. Jules Elie** 9.3. The peerless pure pink. Broad idal body of semi-quilled petals converging to an apex. One of the largest, loveliest and most lasting. 50c.
- Octavie Demay.** 8.5. Very large flat crown. Guards and center pale hydrangea-pink, collar almost white. 35c.
- Officialis Rubra fl. pl.** 8.6. Rich deep crimson; the great Decoration Day Peony. 50c.
- Richardson's Rubra Superba.** 7.2. Dark red, late. 35c.
- Sarah Bernhardt** 9.0. A superb, compact, semi-rose type. Uniform mauve-rose or apple blossom-pink, silver tipped, fragrant. 75c.
- Solange** (Lemoine). Rated 9.7. Unusually large, full, compact, globular crown type, with round, amber-white buds; late. Very delicate lilac-white tinged progressively with amber to salmon at the heart. \$1.00.

MIXED PEONY OFFER

5

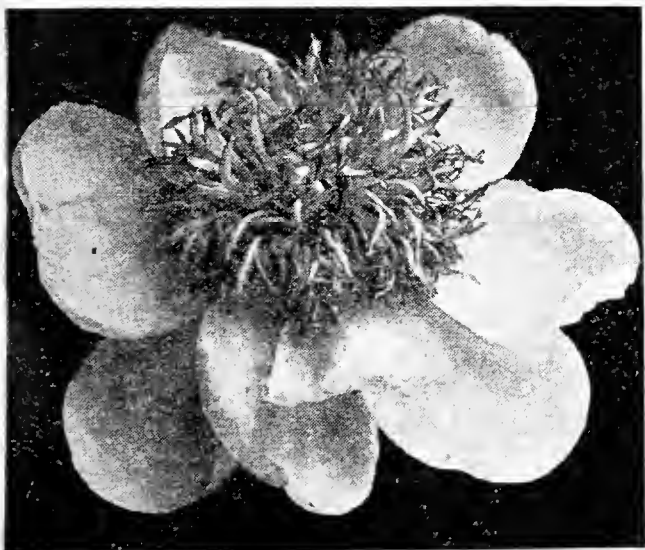
We select five distinct varieties in assorted colors

\$1.00

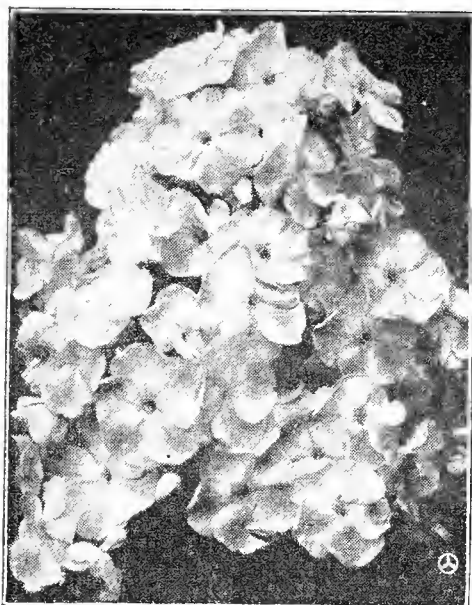
Japanese Peonies

A charming type in which we specialize; our mother stock imported direct from Sakata. The opened flowers are of extra wide spread, with one or more layers of broad guard petals which act as cup to the mounded center. In this class the stamens and anthers are greatly enlarged into narrow, thick, twisted petaloids of various colors, forming a dense cushion.

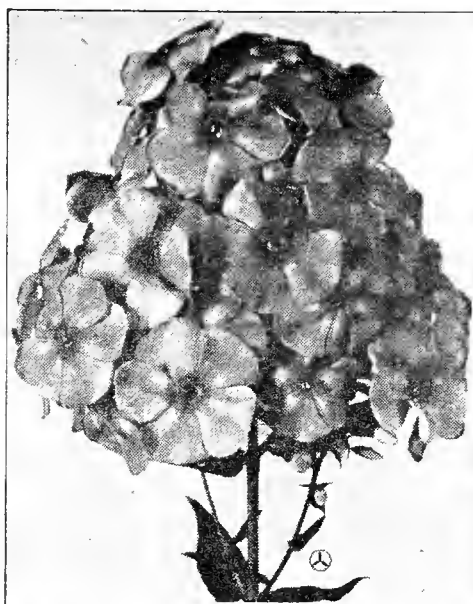
- 11—Yoochi-no-tsuki** ("Shadow of moon in a rippled pool.") Six- to eight-inch flowers; white, occasionally flushed pink, with prominent amber-cream cushion. \$1.00.
- 15—Fuyajo** ("A Sleepless Castle.") 9.2. This is the darkest, richest and most distinctively Japanese of our group. Broad rounded guards of velvety mahogany-red. The fine, curly petaloids form a conspicuous, dense center; garnet, streaked on reverse side and heavily tipped with light bronze. \$3.00.
- 20—Fuji-no-mine** ("Top of the Fuji mountain.") A very large and free-blooming sort; white, with rich cream center. \$1.00.
- 42—"Rose of Nippon"** A wonderfully free bloomer, a persistent mass of brilliant 6-in. flowers. Very deep rose, the broadly prominent center darkened by carmine, and illuminated by countless star-points of both silver and gold. Many centers are slightly tufted. \$2.50.
- 88—Oki-no-nami** ("Waves in the far-off sea.") Tall, free-flowering and showy. Pale hydrangea-pink rippled on white; with full, fine cut center of peach pink and cream. \$1.50.
- 135—Kara-ori-nishiki** ("Name of a beautiful cloth.") This shows uniquely fluted petals, with ends deeply indented. These are white, irregularly streaked and tipped with lilac-red. The center is medium sized, but bright with deep gold filaments, and carmine seed pods. \$1.00.



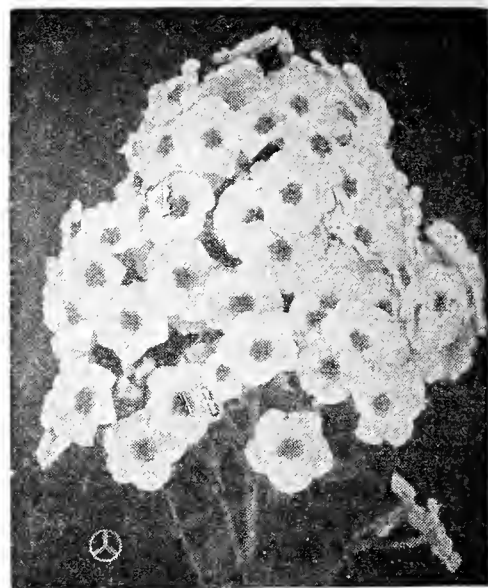
Jap. Peony, "Waves in the Far-Off Sea."



Ryndstrom.



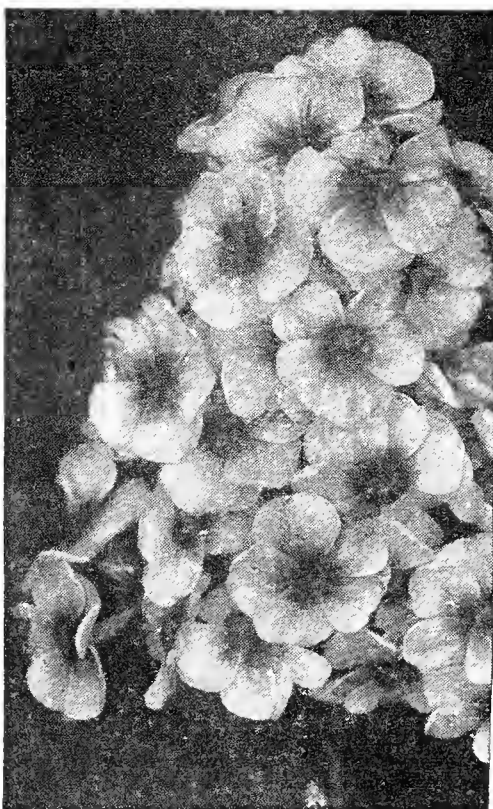
Milly van Hoboken.



Graf Zeppelin.



Ethel Pritchard.



Nordlicht.

HARDY PHLOX STRONG FIELD-GROWN ROOTS

FIRST OFFERING OF NEW

Columbia

U. S. Plant Patent No. 118.
(Illustrated on front cover)

COLUMBIA gives new cameo-pink color, remindful of Elizabeth Campbell but more delicate and richer, with an exquisite distinguishment in the eye which is light blue. Cut blooms last over a week in water. Columbia's lateral branching habit continues the blooming season longer than any rival. Plant growth strong and expansive, apparently immune against disease. Each, 50c; 3, \$1.25; doz., \$4.50.

PHLOX PANICULATA

20c

3 for 55c;
doz. for \$2.00,
postpaid.

B. Comte Brilliant French purple or wine color. Deep red. **Enchantress.** Soft salmon-pink with dark red eye.

Europa. White, with crimson iris.

Feuerbrand. Flaming orange-red.

Gloire du Maroc. Lavender-blue, large crimson eye. At first and in dull weather, bright purple.

Marechal French. Deep scarlet with blood-red eye.

Miss Lingard. Earliest; longest spikes. Waxy white, lavender eye.

Mrs. Van Beuningen. Warm salmon-red, with crimson eye, a showy new variety of large size.

Mrs. Wm. Jenkins. Pure white.

Nicolas Flammel. Bright carmine-lake suffused salmon.

Paladin. Warm salmon-pink, large cherry-red eye, quite striking.

Pastel. Dainty; lilac-blue, with pale central starlike pattern.

Rheinlander. Mottled salmon-pink, with claret-red eye.

R. P. Struthers. A soft red; blended salmon, rose and carmine.

Ryndstrom. A lively Neyron shade of rose-pink, the standard solid pink.

Thor. Ruddy salmon-pink, with mottled aniline-red eye. Large truss.

SPECIAL

One of Each:

Emain Macha

Europa

H. B. May

Milly van Hoboken

Mrs. Jenkins

Mrs. Van Beuningen

6

for

\$1

25c

3 for 70c;
doz. for \$2.50,
postpaid.

Africa Brilliant carmine-red, with blood-red eye. Shapely flower heads of large florets.

Commander. Cherry-red with dark eye.

Emain Macha Brilliant cardinal-red; shapely truss, moderate height, bushy growth.

Ethel Pritchard. Beautiful lavender or rose-mauve; very distinct.

Graf Zeppelin. The new "Calico" Phlox; pure white with vermilion eye.

Jules Sandeau. Extremely large; soft lilac-pink. Moderate growth.

Milly van Hoboken. Choice; shell-pink, silvered reflex, red eye.

Von Hochberg. Brilliant, liquid amaranth-red.

30c

3 for 85c;
doz. for \$3.00,
postpaid.

H. B. May Very large; silvery blush pink, with heavy center of soft carmine-pink.

Leo Schlageter A new red with large pyramidal trusses; scarlet-carmine, dark eye.

Mia Ruys Largest florets and shapeliest truss of all whites; dwarf; pure waxy white.

Nordlicht Extremely large, flat florets; warm lilac-blush, with violet-red eye. A new variety from Europe.

Saladin A choice new scarlet with brilliant orange overcast; maroon eye.

VARIOUS PHLOXES

Amoena. A fine ground cover, about 4 inches high, a sheet of bright pink flowers in spring. 20c each.

Divaricata. Useful in landscaping. Blooms freely during April and May, the light lavender flowers of large size. 20c each.

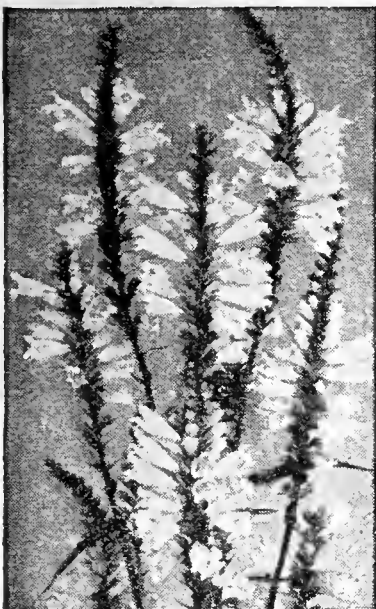
PHLOX SUBULATA

Ground covering, creeping Phlox, ("Moss Pinks"), very showy in spring. **Alba.** White. 20c.

Atropurpurea. Purple. 25c.

Rosea. Bright rose-pink. 20c.

Vivid. Brightest pink with fiery eye. 25c.



Physostegia.

PHYSALIS Francheti (Chinese Lantern Plant). Grown for the large bladder-like, orange-red fruits in autumn. May be dried for winter.

3, 40c; doz., \$1.50.

PHYSOSTEGIA (False Dragonhead). 2 to 3 ft. July. Broad, dense conspicuous spikes of tubular flowers.

—**speciosa alba**. Pure white.

—**virginica, Vivid**. Extra broad florets, deep purplish rose. Blooms two weeks later than the white, and lasts a long time in water.

Both: 3, 55c; doz., \$2.00.

PRIMULA (Primrose). Little groups among the shading elements of shrubbery; dainty edging for garden beds, and in rockeries, both for foliage and early spring bloom.

—**polyantha auricula**. 6-inch, tufted plants, resplendent throughout the spring months with showy single flowers. These display a remarkable diversity of style and coloring, a bed of them being quite entertaining. **Mixed**.

—**polyantha Giant Red**, and **Giant Yellow** plants about 12 inches, heavily foliaged; with extra large single flowers in the two separate colors.

—**Veris** (Cowslip). Plants 4 to 8 inches high, with scented flower umbels mainly yellow, but varying shades with darker center. All: 3, 70c; doz., \$2.50.

POPPY [Papaver]

ALPINUM. 8 inches. Glaucous foliage, nearly stemless; the small, dainty flowers all summer in various uncertain colors, often fringed. 3, 55c; doz., \$2.00.

NUDICAULE. The "Iceland Poppies" bloom with extravagant freedom during early summer, and in lesser degree throughout; 2-inch saucer-shaped flowers on slender stems, making delightful bouquets, as well as a vivid garden show. They are charming plants for small pockets in the rock gardens. Offered in separate colors—**Lemon, Orange, or White and Mixed**. 3, 55c; doz., \$2.00.

ORIENTALE. The long known "Oriental Poppy," with great cup-shaped flowers, of orange-scarlet, heavily black blotched at base. 3, 55c; doz., \$2.00.

—**Beauty of Livermore**. (New). Deep ox-blood-red with black blotch. Each, 30c; 3, 75c; doz., \$2.50.

—**Brightness**. Orange-scarlet toned with gold. Each, 25c; 3, 65c; doz., \$2.25.

—**Mrs. Perry**. Orange-apricot, with faint lilac suffusion. Each, 25c; 3, 65c; doz., \$2.25.

—**Olympia**. Compactly low and vigorous. 2½ feet. Most profuse bloomer of any variety. Flowers fully double, but maturing to show a slight stamen-filled center. Brilliant scarlet flame, with salmon. Each, 25c; 3, 65c; doz., \$2.25.

—**Perry's White**. Very large and shapely, pure white. Each, 30c; 3, 75c; doz., \$2.50.

—**Royal Scarlet**. Richest scarlet; the medium sized flowers in great profusion. Each, 25c; 3, 65c; doz., \$2.25.



Rudbeckia Purpurea or Purple Coneflower.

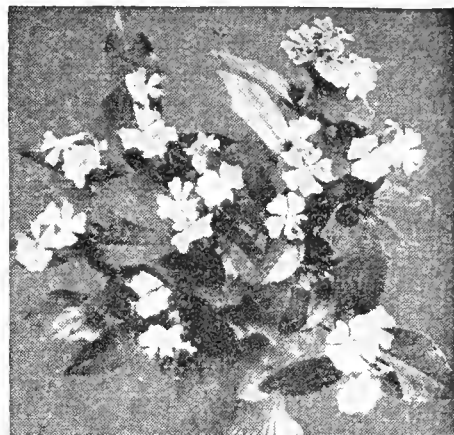


Giant Polyantha.

PLATYCODON grandiflorum (Balloon Flower). 2 to 3 feet. Blooms constantly from July until late September; flowers large, bell-shaped in loose racemes. Illustrated on color page C. **Blue or White**. 3, 55c; doz., \$2.00.

PLUMBAGO larpentae (Leadwort). An attractive 12-inch edging plant, quickly spreading into a compact mat. The tiny leaves of apple green are a rich setting for spiky red buds, and clusters of phlox-like cobalt blue flowers late in summer.

3, 55c; doz., \$2.00.



Plumbago Larpentae.



Oriental Poppy.

PYRETHRUM hybridum (Painted Daisy). 2½ feet. A colorful garden show from June on throughout the summer, and also a charming cut flower with long slender stems. The flower construction varies from a full petaled anemone shape, to larger size in plain single. Mixed, red, pink, etc. 3, 55c; doz., \$2.00. (Illustrated on color page C.)

RANUNCULUS repens fl. pl. (Double Buttercup). A quickly spreading frequent rooting ground cover. Masses of yellow button flowers during May and June. The foliage is small, refined, densely set, thick and rubbery, lustrous, dark green. 3, 55c; doz., \$2.00.

RUDBECKIA, Golden Glow. 5 to 7 feet; early in summer until frost. Double dahlia-like golden yellow flowers.

—**Newmanni** ("Black-Eyed Susan"). 1½ to 2 ft. Broad single flowers of orange-yellow with prominent blue-brown cone.

—**purpurea** (Purple Coneflower). 2 to 3 feet. Large drooping petals colored reddish purple, with a remarkably large cone-shaped center of brown, thickly set with golden tips in spiral lines.

All: 3, 40c; doz., \$1.50.

SALVIA Pitcheri. A much-branched, densely blooming type of the Rocky Mountain Sage, its wands 3 to 4 feet high; a rich, deep shade of gentian-blue. August-September. Even prettier than Larkspur, in bouquets with Flowering Spurge or Baby's Breath. 3, 55c; doz., \$2.00.

SANTOLINA chamaecyparissus incana (Lavender Cotton). A 12-inch evergreen perennial, with intricately meshed branches and tiny leaves of frosted silver; very fragrant. Useful as a rock or edging plant, and used for refined carpet bedding. 3, 40c; doz., \$1.50; 100, \$10.00.

SAPONARIA ocymoides (Soapwort). A branchy, trailing rock-plant densely clothed with small round leaves; from May to July brightly spangled with small pink flower umbels. 3, 55c; doz., \$2.00.

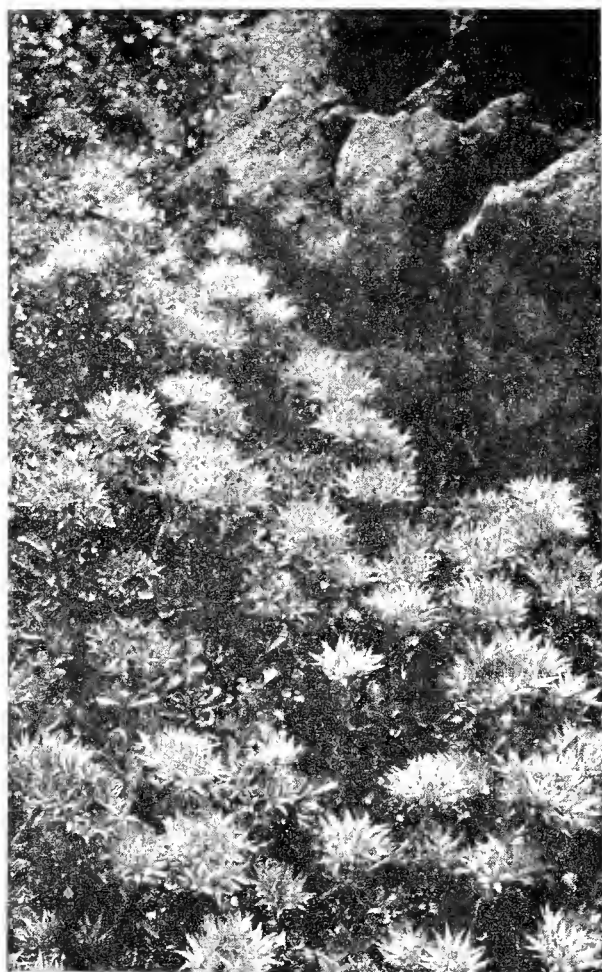
SAXIFRAGA (Saxifrage or Rockfoil). Valuable, highly prized units for the rock garden; their large, fleshy, shiny leaves continuously ornamental, in some cases persisting into winter. Give plenty of water and partial sun.

—**cordifolia**. 2 feet. Very large heart-shaped leaves; flowers clear rose in dense, nodding cymes. May.

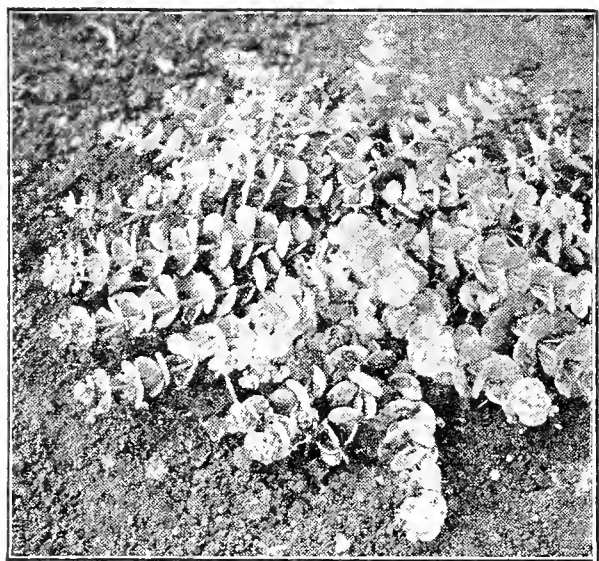
—**lingulata Leichtlini**. 2 feet. Nodding rose-pink racemes. April-June. The showy orbicular leaves quite crimson.

Both: Each, 30c; 3, 70c; doz., \$2.50.

6 Oriental Poppies One Each Hybrid **\$1.25**

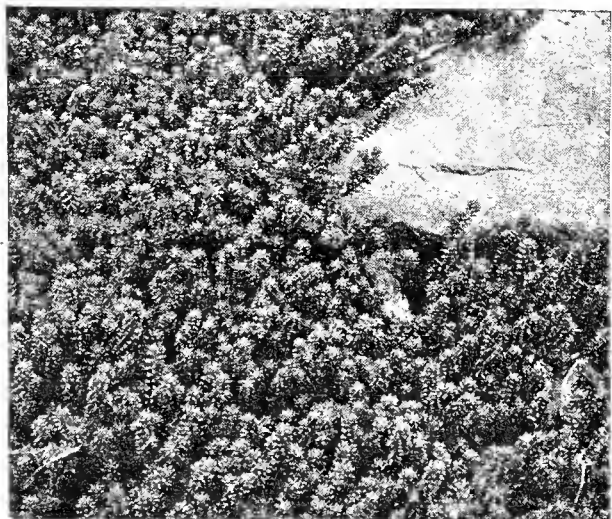


Sedum Spurium Coccineum.



Sedum Sieboldi.

The "Autumn Daphne."



Sedum acre—"Golden Moss."



Sedum Kamschatcicum.

SEDUM ♦ [Stonecrop]

A diversified, interesting and very useful family, the backbone of rock gardening; and fitting beautifully into the edging and low plant situations of general gardening. Mainly very low growing close jointed, densely spreading, good in either shade or sun.

Acre (Golden Moss). 2 to 3 inches.

Minute foliage very dense like moss, dark green; flowers similar to leaves, an all-covering golden yellow sheet, May to July. Used for carpet bedding and filling between rocks and flagstones.

Album. 2 to 3 inches. A miniature forest of upright stems clothed with waxy, tubular, green leaves; terminal clusters of tiny white flowers. May to July.

Glaucum. 1 to 3 inches. Similar to the mossy Lydium, except its color is bright blue-gray; bluish white flowers.

Lydium. 1 to 3 inches. The smallest Sedum; close groups of little round balls made up of the tiniest green beads, the color changing to purplish bronze; pink June flowers.

Sarmentosum. Dwarf, rapid grower; one of the best for filling seams between rocks in wall-gardens; equally effective in other rock garden usage, or for bordering. Bright yellow carpeting bloom. June-July.

Spurium Coccineum. 6 to 8 in. Thrifty, loose growth with kite-shaped leaves, very showy. July-August, with fringy, upright panicles of crimson bloom.

Five above: 3, 55c; doz., \$2.00.

Kamschatcicum. 8 inches. Robust and vigorous, prostrate, quickly spreading. The wide flat leaves are scalloped, arranged in partial rosettes, fresh green turning yellow in autumn. The 1/4-inch florets are perfect stars of orange-yellow drying to red, in low-set clusters.

Sieboldi. 8 to 10 inches. Reddish stems with alternating tiers of opposite 3/4-inch leaves,—round, thick, rubbery, blue-green with red rim. The bright pink flowers, remindful of Daphne, are charming. August-September.

Two above: 3, 70c; doz., \$2.50.

**SEDUM—Continued**

Spectabile, Brilliant. 15 to 18 inches. An excellent bordering variety with big, saucer-like, sage green leaves of rubbery texture stacked up in diminishing tiers, covered in September with massive flat cymes of crimson flowers. 3, 55c; doz., \$2.00.

SCABIOSA caucasica (Blue Bonnet). Very showy, freely produced cut flowers, on long stems. June to September. **Blue.** 3, 70c; doz., \$2.50.

SILENE ♦ Schafta (Autumn Catchfly). 4 to 6 inches. A low border or rock plant, with masses of bright pink flowers from July to October. A good successor for Maiden Pink. 3, 55c; doz., \$2.00.

SPIREA ♦ filipendula (Dropwort). Numerous white flowers on 15-inch stems. June-July. Dark fernlike foliage. 3, 55c; doz., \$2.00.

STATICE latifolia (Sea Lavender). 15 to 18 inches. Leathery foliage, minute blue flowers, similar to Forget-Me-Not, in 18-inch heads. Last for months if dried. 3, 55c; doz., \$2.00.

STOKESIA (Stokes' Aster). A 2-ft. bushy plant, lavender bloom July to October. Flowers often 4 to 5 inches in diameter. 3, 55c; doz., \$2.00.

SEMPERVIVUM [House Leek] ♦

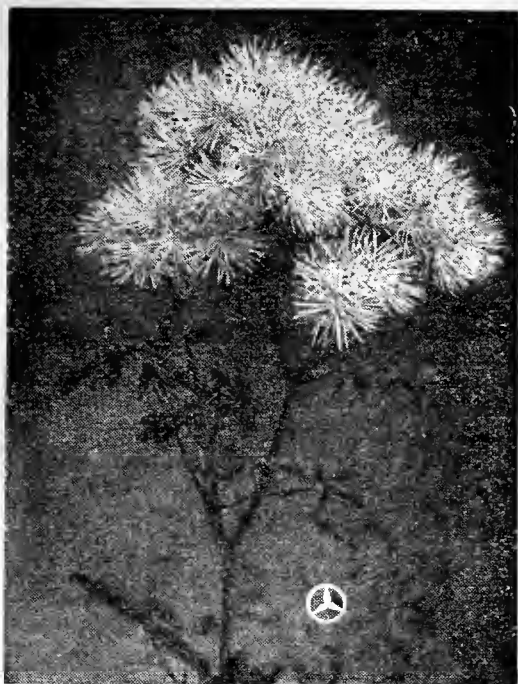
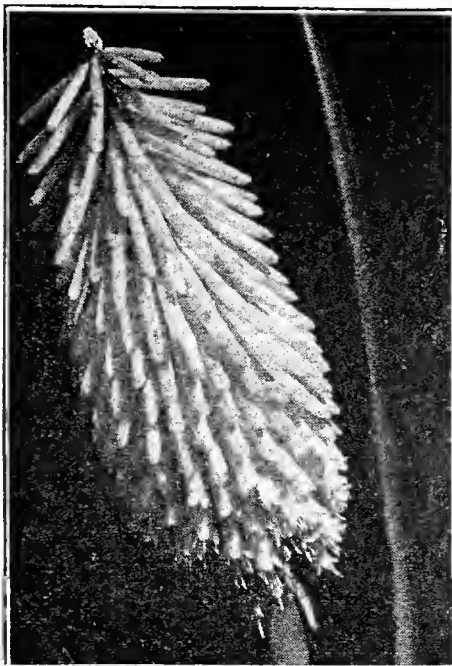
A most interesting group of small succulents; ideally fitted for use in the crevices of wall and rock garden. The leaves are thick and rubbery, arranged in usually tight rosettes; expansion being by a surrounding colony of exact replicas even in their tiniest stage.

Globiferum. Flattened rosettes 2 to 3 inches across; the broad, uncrowded leaves gray-green lightly tipped brown. 3/4-inch yellow flowers in densely hairy panicles a foot high.

Tectorum ("Hen-and-Chickens"). The central rosette averages 3 to 4 inches across, with long, up-curving, pale green leaves having purple pointed tips; the flowers pale red. Hovering snugly all around and even peeping up between the wings are the brood of tiny little "chicks."

Both: 3, 40c; doz., \$1.50.

Clumps at 3 times above.

*Thalictrum Aquilegifolium*.*Tritoma Pfitzeri*.*Yucca*—"Spanish Bayonet."

TEUCRIUM canadense (American Germander). Six-inch spikes of rosy purple flowers. July and August. The attractive dark-toothed foliage makes a spreading ground cover.
—chamaedrys. Used as an evergreen shrub with densely ascending stems. Small flower whorls in loose spikes, bright rose with white and red spots. The valuable foliage is dense, small, round, dark, glossy—closely resembling dwarf Boxwood for which less hardy item it is often substituted. Can be clipped to any desired height up to 12 inches.
 Both: 3, 65c; doz., \$2.25; 100, \$14.00.

THALICTRUM (Meadow Rue). "Mist" plants, fine cut foliage and spreading heads of tiny flowers.

- aquilegifolium**. 1 to 3 feet. Scalloped Columbine foliage; white flower balls. May to July.
- purpureum**. Purple flowers in June.
- dipterocarpum**. 4 feet. Fine cut foliage, lilac-mauve flower sprays. August and September.
- glaucum**. 3 to 4 feet. Finely cut blue-gray leaves; fragrant flower heads of Chinese yellow. July.

All: 3, 55c; doz., \$2.00.

THERMOPSIS caroliniana. 3 feet. Looks very much like a yellow Lupine; with attractive foliage like Clover, and tall spikes of pea-shaped yellow flowers in June and July. 3, 70c; doz., \$2.50.

Thymus (Thyme). The charming Mountain Thymes make a dense, perfect carpet of foliage, of great value for covering dry banks where grass will not easily persist, giving out a pleasing fragrance under the hot sun. They are very useful in rockeries, and provide a rich carpet for blocks of spring-flowering bulbs; their early bloom all-covering.

—**citriodorus** (Creeping Thyme). Lemon scented; golden yellow.

—**serpyllum album** (White Mountain Thyme). Dense mats of dark green foliage, with clouds of tiny white flowers.

—**coccineum**. Crimson-scarlet bloom in dense sheets.

All: 3, 55c; doz., \$2.00.

TRADESCANTIA virginica (Spiderwort). 2 to 2½ feet. Broad, grasslike foliage; clustered blossoms all summer. An excellent filler for moist bottomlands; among the semi-shading trees at base of ravines.

Blue or White. 3, 40c; doz., \$1.50.

S. & H. Tritoma Pfitzeri (Red Hot Poker). Semi-tropical and showiest of all garden plants in bloom. Rushlike foliage with thick flower stalks a yard long, a single fiery cone at top. Brilliant scarlet, lower petals rimmed with orange. Blooms July to October. A magnificent cut flower. Use heavy winter mulch.

—**Quartiniana**. A thick stalked variety, blooming late in May with flower cones 10 to 12 inches long. Orange-red at first, but bottom half yellow as bloom matures.

Both: 3, 70c; doz., \$2.50.

TROLLIUS *europaeus* (Gloeflower). 2 feet. Foliage like Larkspur; 1½- to 2-inch bloom on long stems. May and June. Flowers are glorified Buttercups, waxy lemon-yellow.

—**Meteor**. Very rich in color and form; deep orange.

Both: Each, 45c; 3, \$1.25; doz., \$4.00.

TUNICA *saxifraga*. Tufted hair-fine grass plant; tiny pink flowers all summer; for rockery or border. 3, 55c; doz., \$2.00.

—**fl. pl.** Beautiful double flowers. 3, 70c; doz., \$2.50.

VALERIANA officinalis (Hardy Heliotrope). 3 to 4 feet. Thick spikes of white flowers, slightly roseate, with strong heliotrope scent. June and July.

—**coccinea rubra**. 2 feet. Reddish pink flowers, in upright panicles like Hyacinths. June to October.

Both: 3, 55c; doz., \$2.00.

VERBASCUM, Phoeniceum Hybrids. 18 inches. An interesting form of Mullein hybridized in England. Rather large woolly leaves and branched flower spikes. The flowers come variously in white, pink, rose, purple, bronze, and brown,—but can be offered as Mixed only. Planted in well-drained, light, warm soil, they will colonize and reproduce annually from their seed. 3, 70c; doz., \$2.50.

VERONICA (Speedwell). Blue flowers, varying in size and shade, for borders and rockeries.

—**incana**. 1 foot. Silver foliage; violet-blue flowers. July August. 3, 55c; doz., \$2.00.

—**longifolia subsessilis** (Bluebird Flower). 2 feet. Long bronze-green leaves, deep indigo-blue flowers. July to September. 3, 70c; doz., \$2.50.

—**rupestris nana**. 1 to 2 inches. Creeping plants with small, dark leaves. Gentian-blue flowers. April and May. 3, 70c; doz., \$2.50.

VINCA minor (Hardy Myrtle). A trailing evergreen for carpeting where it is too shady for grass; on sloping banks not too dry, a bordering for shaded pools; as a setting for other plants such as Daffodils, Bluebells, Plumbago, certain Lilies and Ferns; and as a filler in large shaded rockeries. 2 year, field-grown: 3, 40c; doz., \$1.50; 100, \$10.00; 1000, \$80.00.

2½-inch pot plants, thrifty, stocky—ready any time: 3, 50c; doz., \$1.80; 100, \$12.00; 1000, \$90.00.

VIOLA (Tufted Pansy). Dwarf edging plant, hybrids of Alpine Violet and Garden Pansy; blooms 8 months if sheared often. Brilliant color spots in the rockery.

—**Admiration**. Velvety wine-purple.

—**Blue Perfection, Golden Yellow, White Perfection**.

—**Jersey Gem**. Dwarf, bushy and continuous in bloom; pure, rich violet; slightly perfumed.

All above five: 3, 55c; doz., \$2.00.

—**Sutton's Apricot**. A new, rich apricot color much in demand. 3, 70c; doz., \$2.50.

VIOLETS. Of unfailing interest and popularity.

—**Frey's Fragrant**. Profuse, single light violet.

—**Princess of Wales**. Large, violet-purple.

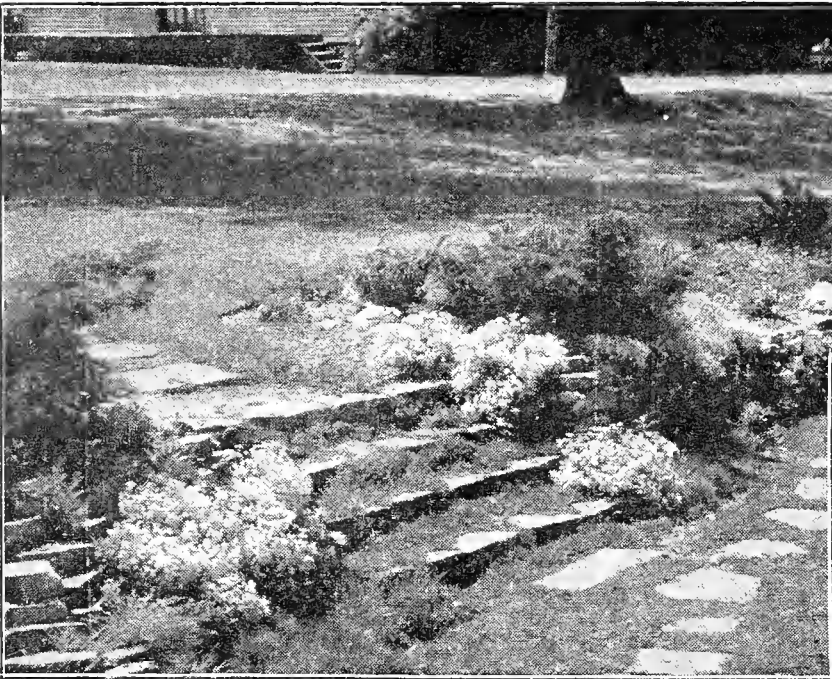
Both: 3, 55c; doz., \$2.00.

—**Rosina**. A delightful new variety giving out an unusual amount of fragrance; the dainty flowers colored a tender lilac-pink. A remarkable novelty. Each, 40c; 3, \$1.00; doz., \$3.50.

YUCCA

Filamentosa (Spanish Bayonet). Swordlike evergreen foliage; pendent clustered white bells along thick, 3- to 4-ft. spikes. 2 yr.: Each, 20c; 3, 55c; doz., \$2.00.

Variegated Leaf. Similar to above, but the leaves are bronzy green, striped and the outer edge widely bordered with yellow. Keeps its striking foliage all winter. 2 yr.: Each, 25c; 3, 65c; doz., \$2.25.



A Strip of Rock Gardening in Storrs & Harrison Sunken Garden.

Pick of the Rock Plants

NAME	Height	Color	Blooming
Achillea, Boule de Neige	18 in.	White	June to Sept.
Achillea Tomentosa	12 in.	Yellow	June and on
Ajuga Reptans Rubra	3-4 in.	Purplish blue	May and June
Alyssum Argenteum	15 in.	Yellow	June and July
Alyssum Saxatile	10 in.	Yellow	May and June
Anchusa Myosotidiflora	15 in.	Blue	May
Anemones—in variety	9 in.-3 ft.	Various	Autumn
Aquilegias—in variety	2-3 ft.	Various	May to July
Arabis Alpina	12 in.	White	May
Arenaria Montana	1-4 in.	White	May
Armeria—in variety	6-10 in.	Deep Pink	June to August
Aster Alpinus	5-10 in.	Lavender-blue	May and June
Aster, Mauve Cushion	10x30 in.	Mauve	November
Aubrietia Graeca	12 in.	Purple	Spring
Baptisia Australis	2 ft.	Dark Blue	June
Calamintha Alpina	6 in.	Purple	June
Campanula Carpatica	8 in.	Blue, White	June and July
Campanula Persicifolia	18-24 in.	Blue, White	June and July
Campanula Rotundifolia	12 in.	Blue	June to August
Carnation, Crimson King	12 in.	Crimson	June to Nov.
Catananche Caerulea	2 ft.	Blue	July and August
Cerastium Tomentosum	12 in.	White	A silver mat
Cheiranthus Allioni	12 in.	Orange	Early summer
Dianthus Deltoides	15 in.	Coral-red	May to July
Dianthus Plumarius	18 in.	Various	Intermittent
Dianthus Hybrids	15-24 in.	Various	Intermittent
Dicentra Eximia	18 in.	Pink	All summer
Dicentra Spectabilis	2 ft.	Pink	May
Doronicum Excelsum	2 ft.	Yellow	April to June
Edelweiss	4-6 in.	Yellow	June to August
Euphorbia Myrsinites	6 in.	Yellow (blue leaf)	May
Euphorbia Polychroma	12 in.	Yellow	May and June
Festuca Glaucha	12 in.	Blue Grass	
Funkia Und. Variegata	18 in.	Blue	Variegated lvs.
Helianthemum Mutabile	12 in.	Pink	April and May
Heuchera—in variety	15-24 in.	Pink	June to August
Iberis—in variety	12 in.	White, Lilac	April and May
Lilium Tenuifolium	18-24 in.	Scarlet	Midsummer
Lily-of-the-Valley	8 in.	White	May and June
Mazus Reptans	4 in.	Lilac-blue	Early spring
Mitchella Repens	Low mat	White	Scarlet fruits
Myosotis Palustris	12 in.	Blue	All summer
Nepeta Mussini	12 in.	Blue	All summer
Oenothera Missouriensis	12 in.	Orange-yellow	Midsummer
Pachysandra—3-in. pots	12 in.	White	Foliage plant
Phlox Subulata	10 in.	Pink, White	April and May
Plumbago Larpentae	12 in.	Cobalt Blue	Late summer
Poppy, Iceland	12-15 in.	Various	All summer
Primulas	6-12 in.	Red, Yellow	April and May
Ranunculus	12 in.	Yellow	May and June
Rosa Rouletti	8 in.	Pink	All Summer
Saponaria Ocymoides	12 in.	Pink	June and July
Saxifraga—in variety	12-15 in.	Pink	April and May
Sedums—8 Varieties	4-10 in.	Various	Various
Scmpervivum—2 Varieties	6-12 in.	Various	Various
Silene Schafta	6 in.	Pink	July to October
Spirea Filipendula	15 in.	White plume	June and July
Thymus—in variety	4-6 in.	Various	June and July
Trollius	2 ft.	Orange-yellow	May and June
Tunica Saxifraga	8 in.	Pink	All summer
Veronica Incana	12 in.	Violet	Silver leaves
Vinca Minor	Trailing	Blue	All season
Viola—in variety	6-8 in.	Various	All summer

ROCK GARDENS

An Enthralling Personal Hobby

Nature actually started this fascinating gardening feature; but modern gardeners, both professional and amateur, are developing the subject with much enthusiasm, ingenuity and delightful effect. "Rock Gardens" may embrace acres of land broken up naturally in ridges, hummocks, valleys, pools and waterfalls, with outcropping stones and picturesque existing trees. These natural settings in the right place are, unfortunately, rare; consequently we have to create such effects, by artifice.

See Hardy Perennials, pages 33 to 47.

Construction

Location must, of course, be what have you. Liberal sunshine is much preferable; good drainage is essential. If your land is flat, dig a valley and build a mound. If there is an uneven corner spot, take advantage of it.

Get together the best stones you can find; some uneven boulders, more of uneven, irregular flattened pieces. Uniformity in size and shape should be avoided. Go easy on both very small stones and massive boulders. No bricks or concrete fragments.

Soil is important. Mix a good porous garden loam with equal portions of both sharp, gritty sand and vegetable fiber—which may be leaf-mold, or decayed woods-turf, or Michigan peat.

Distribute this soil on your basic construction, first; then crowd in and solidly anchor the stones, naturally commencing at the outer base, and working up a graduated slope towards the crest. In order to catch rainfall, dew or applied moisture and direct its drainage downward without loss into the thirsty soil, tilt the outer edges of slabs upward at least 10 degrees. In building rock walls, there can be no vertical face but a graduated slope in successive tiers, its stones uptilted as above for the same reason. Wherever convenient, pack in the roots of plants designed to creep across and trail over the stones, as you go along.

In apportioning relative stone and dirt areas, always bear in mind that this is not a stone-pile to be screened but a garden in which the occurring stones are merely helpful, picturesque incidents.

Tufted plants with rosetted foliage and moderate upstanding flowerstalks, are best suited to filling the narrower crevices. The creeping, trailing types spread densely over the flat surfaces, eventually cascading downward over the edges in mossy trails of varied hue. In exterior supplementing groups, in occasional clumps of liberal area midway of the ascent, and prominently massed along the crest, there are many thrifty, colorful and dependable types. More ambitious plans at greater expense, with less restricted space and more emphatic topographical features, welcome the enrichment of such units as Cotoneaster Horizontalis, Daphne, Tamariscifolia and other creeping Juniper, Azalea Mollis, Euonymus Vegetus, Yews, Savin and Pfitzer Juniper, Mugho Pine, Ilex, and an occasional accent at balanced locations achieved by the slender, upright Junipers and Arbor-vitaes.

The usual good watering at time of planting, must be vigilantly repeated until you can be sure Nature is providing ample moisture. Your further responsibilities are: weeding, some slight guidance of the trailers, replenishment of eroded soil, and straightening up and repacking if the heavier upright plants become disturbed.

HARDY Water Lilies

Location Sunshine and unchilled, undisturbed water are essential.

Soil Should be mellow clay loam, fertilized with one-fourth well-rotted cow manure, about 12 inches deep. Horse and sheep manures are dangerous to use. Of commercial fertilizers, Vigoro is probably as good as any.

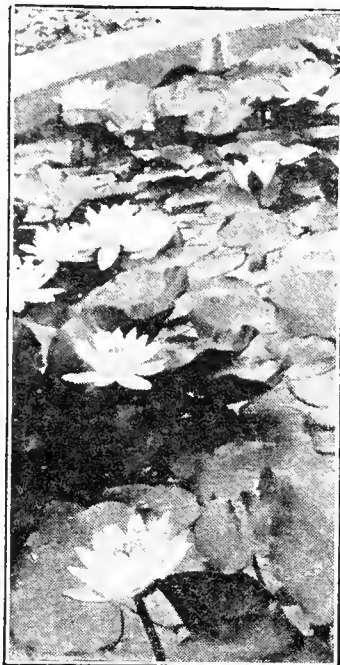
Water Any clean water will do, not in strong motion; its depth above soil not arbitrary, but 12 inches is best.

Planting The longer roots should be firmed into the dirt slanting or flat, but set all shapes, so that the crown is even with the surface of soil. In case the pull of spreading leaves, or other disturbance loosens the root-hold, poke them back and refirm the soil or further bind them down with stones.

The average space to allow for plants is about 2 feet square.

Original propagation is slow; S. & H. Lily roots are two or more years old, and ready to bloom. Shipping may commence about April first, and is practical up to the first of June. Established pools with a good assortment, begin showing flowers in May, each of an average five-day existence, with unbroken continuance and varying extravagance, until late fall.

Prices are delivered to you.



Alba Candidissima.



Paul Hariot.



Marliac Rose.

NYMPHAEAS

Alba Candidissima Fragrant; waxy white. \$1.00.

Attraction A superb red Lily, capable of an 8-inch spread. Garnet, tipped rose, maturing to deep red; the sepals white, with rosy streaks maturing to garnet-red. \$2.75 each.

Chromatella The one distinct, popular yellow. \$1.00 each.

Comanche Flower and stem uniquely upheld above the water. Rich apricot, maturing coppery bronze with ruddy shadows in the depths; conspicuous orange stamens. \$2.00 each.

Gloriosa Choice; producing up to 200 glorious blooms with apple-blossom fragrance; not large, but perfect, and exceptionally double. Brilliant carmine-red. The vivid color, freedom and small leaf-spread, popularize it for tubs. \$2.50.

James Brydon Voluptuous rosy carmine to crimson-red; cup-shaped, with enriching red-gold stamens. \$3.00.

Laydekeri Lilacina Of gracious form, size and development; soft lilac warming to deeper tone; sweetly fragrant; rare. \$2.00 each.

Marliac Rose Good size, fragrant, long lasting, choice cut flower. Distinct coloring; deep pink, graduating to delicate rose at tips. \$1.50 each.

Paul Hariot Delicious coloring; progressing from creamy yellow the first day, orange-pink the second to deepening reds successively with every day hinting at tones to come or past. A lovely cup-shaped bloom, good size; abundant all season. \$2.00.

Sioux Distinctly star-shaped, rich coppery yellow, maturing Indian red with amber shading. \$2.00 each.

Sunrise The largest hardy Lily in flower, leaf and root, requiring a 4-foot space. Salmon-olive-brown buds burst forth, in wide-flung rays with tints of primrose, gold and opal. Full blown, its immense flowers resemble chrysanthemums, clear yellow, lemon-chrome stamens. Earliest, largest, most unique, fragrant. \$2.50 each.

Tender Vines House Plants PLANT DEPARTMENT Bedding Plants Potted Annuals

TENDER VINES

Postpaid, 2 1/4-inch Pots Unless Otherwise Noted.

ASPARAGUS. General utility, green trailing plants.

—**plumosus nanus.** Feathery foliage on thin hard stems, in long emerald sprays; a rich setting for cut flowers.

—**Sprengerii.** Mostly used in boxes and baskets; its long, dense trails provide the best dark streamers of any vine. 2 1/4-inch, 20c each; 3 for 50c. 4-inch, 35c each; 3 for \$1.00.

IPOMOEA grandiflora (Moonflower). For outside stringing after May 1st. Satiny white flowers, 5 to 6 inches in diameter, borne abundantly throughout a long season, opening at sundown, emitting a rich Jessamine odor at night, and closing about noon. 20c each, 3 for 50c.

IVY, English (Hedera Helix). Foliage is rich, waxy green with prominent lighter veins, and is very attractive when trained against harmonious paper or woodwork. Many people use the vines that have trailed from pots during the winter, to decorate and veil their summer porch boxes.

—**Large Leaf** (S. & H. choice strain). 20c each; 3 for 50c. 4-inch, 40c each; 3 for \$1.00.

—**Small Leaf** (Gracilis). Very dense with much smaller leaves. Best type for wall brackets. 20c each; 3 for 50c.

—**Variegated** (Madeiraensis variegata). A new type with the largest leaves, smoother edged, on shiny purplish red stems; clear cream-white, with ragged, mottled, dark green blotch at center. 35c each; 3 for \$1.00.

—**Parlor** (Senecio mikanoides). The well-known German Ivy for walls, hanging baskets, and urns; pretty, light bronze-green with 5 to 7 points. 20c each; 3 for 50c.

—**Japanese** (Vitis Rhombifolia). A strong branchy vine, remindful of both Wild Grape and Ampelopsis. 2 1/4-inch, 25c each; 3 for 65c.

MANETTIA VINE. Filled at all times with small tubular flowers of brilliant scarlet, with yellow tips. Desirable for baskets, vases or small trellises. 20c each, 3 for 50c.

PASSIFLORA Pfordti (Passion Vine). The 4- to 6-inch fragrant flowers are waxy; sepals greenish white; petals pink; the numerous needle-like filaments black-purple at base, then blue-purple, with pointed white tips; the heavy protruding stamens branched like a cross. Foliage dark green in 3 broad lobes and heavy base. 25c each; 3 for 65c.

PHILODENDRON cordatum. Wide heart-shaped leaves, shiny dark green, on thick, twisty stems. A thrifty climber for fancy indoor vining effects. 40c each; 3 for \$1.00.

POTHOS aureus. Broadly heart-shaped, leafy vine, clear green spotted yellow. A strong climber, the roots clinging to damp masonry. 40c each; 3 for \$1.00.

SAXIFRAGA sarmentosa (Strawberry Geranium). Clustered wide, round leaves, green heavily veined white, the under surface red. The early summer flowers are small, in slender spikes, the white petals spotted yellow and red. The main plant throws out runners like strawberry plants, which droop gracefully to increasing length, each streamer clothed with rosettes of foliage. 20c each; 3 for 50c.

TRADESCANTIA (Wandering Jew). Thick, waxy, lance-shaped, brilliantly striped foliage, on substantial vines.

—**striata.** Bright green, striped creamy yellow, with grayish green reverse.

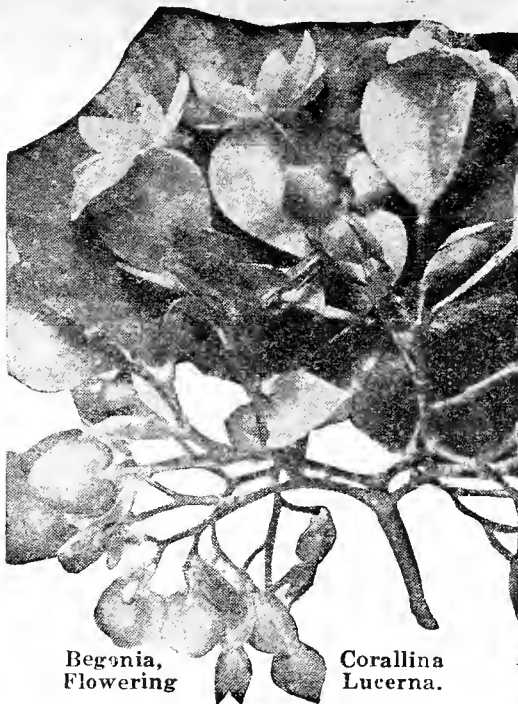
—**cyanotis multicolor.** Striped maroon and silver. Both: 15c each; 3 for 40c; \$1.50 per doz.

VINCA major variegata. More of this used for baskets and vases than any other two basket plants. Beautiful variegated green and white foliage; strong trailing habit of growth; the bright blue Myrtle flowers contrasting prettily against the creamy white pattern in the leaves. 2 1/4 inches, 15c each; \$1.50 per doz.

By express, 4-inch pots, 35c each; \$3.50 per doz.



Abutilon, Souvenir de Bonn.

Begonia,
FloweringCorallina
Lucerna.

Chrysanthemum, Golden Glory.

ABUTILON [Flowering Maple]

For pot plants and for summer bedding, vases and baskets. The flowers are deep bell-shaped, well distributed, borne in profusion all summer.

Savitzii. Sharply variegated green and white.

Souvenir de Bonn. Deep green leaves, irregularly bordered with creamy white. Orange flowers, veined crimson.

Thompsoni. Flowers of orange-salmon-pink, foliage blotched with yellow; a charming combination for pot plants.

ALL: 25c each; 3 for 65c.

AGERATUM

Profuse flowers all season, in rounded terminal umbels, each flret a small round bur of protruding but soft bristles.

Cardinal Mundelein. (New). Beautiful clusters of blue-purple; an intermediate shade.

Royal Purple. A very deep, dark shade of violet-purple.

Wilson's Blue. Beautiful clear blue in large clusters.

20c each; \$1.50 per doz. By express, \$10.00 per 100.

BEGONIAS See page 53 for Tuberous Rooted

Flowering Glossy green and red leaves, and flowers of bright shades, attractive and dependable.

Argentea Guttata. Purple-bronze leaves, oblong in shape with silvery markings; white flowers. 20c each; 3 for 50c.

Corallina Lucerna. Spotted olive-green, wine-red beneath. Perfect trusses of coral-red flowers. 30c each; 3 for 75c.

Otto Hacker. Shining deep green leaves 8 to 10 inches long; coral-red flowers in immense clusters. 30c each.

Rubra. The flowers are a rich coral-red, hanging in large pendent clusters. One of the best. 20c each; 3 for 50c.

Thurstoni. Bronzy green shaded crimson and olive, with a glossy metallic lustre; the under side purplish red with prominent veins. Clustered flowers rosy white. 30c each.

Bedding Choicest material for compact, formal beds; fresh waxy green foliage, and constant bloom.

Gracilis Luminosa. Scarlet. **Prima Donna.** Pink.

Fire Sea. Sunset red. **White Pearl.** Pure white.

BEDDING TYPE: 20c each; 3 for 50c; \$2.00 per doz.
By express, \$15.00 per 100.

CHRYSANTHEMUM Large Flowered for Inside Forcing

Golden Glory. Deep yellow. 25c each; 3 for 65c.

Oconto. Medium size; Japanese; white. 25c each; 3 for 65c.

Rose Glow. Bright rose-pink; early. 25c each; 3 for 65c.

Quaker Maid. Large, pure white. 25c each; 3 for 65c.

Smith's Enchantress. Rose-pink. 25c each; 3 for 65c.

CORSICAN SHRIMP PLANT

BELOPERONE guttata. A heavy wooded, branching pot-plant up to 2 or more feet, with dark green leaves; almost continuously displaying its uniquely beautiful flowers. These are 2-lipped tubes, white with purple spots, surrounded by 3/4-inch, heart-shaped bracts which lie flat and overlapping like scales, along 4 sides of a 3- to 5-inch drooping spike. These are very showy, salmon-red and old rose, with brightly contrasting extremity of primrose yellow. 2 1/2 inch, 35c each; 3 for \$1.00.

FICUS [Rubber Plant]

Elastica. Tough and hardy, an ideal decorative pot plant for the house. 4-inch pot, 50c each.

FERNS

Boston Fully matured fronds attain a length of 4 to 5 ft. 2 1/4 in., 15c; 4 in., 50c; 5 in., 75c; 6 in., \$1.25; 8 in., \$2.00.

Asplenium Viviparum. One of the most beautiful of ferns; dwarf, compact, with dark green, lacelike fronds very interesting when the old fronds become studded with tiny replicas of the type.

Holly Fern (Cytisium Falcatum). Showy dish Ferns; leaves dark, shiny. 20c; 3 for 50c.

Moss Fern (Selaginella).

Emiliana. A dense, mossy carpet of dark green.

Denticulata. Droops over the pot sides; a vivid green ball. 20c; 3 for 50c.

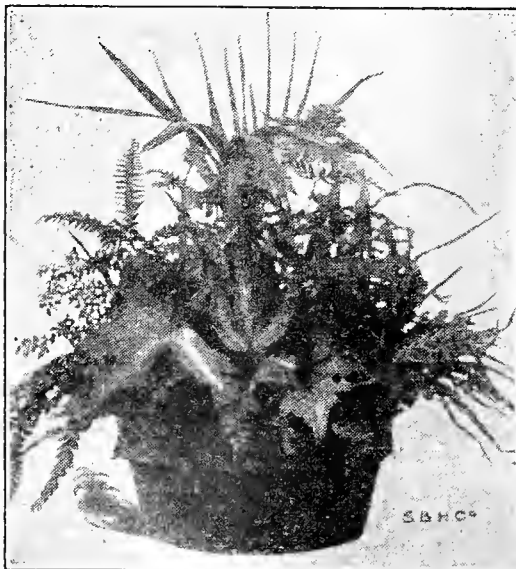
Browallia,
Blue
Giant.

BROWALLIA

Blue Giant. A conspicuous plant, with numerous single flowers of deep indigo-blue, full 2 inches in diameter, blooming continuously. Useful for beds, pot plants, boxes and baskets. 15c each; 3 for 40c; \$1.50 per doz.

FERN DISH COLLECTION

We grow a varied assortment of small, odd-shaped Ferns specially for jardinières and fern boxes. We will mail six "Dish" or Table Ferns in 6 distinct varieties of our choice, for **85c**



COLEUS

Broad-leaved, bushy foliage plants unmatched for brilliancy and unique arrangement of colors. Some of the fancier sorts are in designs as indescribable as the traceries of frost.

PRICE Unless stated, 15c each; \$1.50 per doz.
By express, \$8.00 per 100.

- Beckwith's Gem** Velvety maroon bordered flame, green edge, yellow tip.
- Cecil Brown** (Trailing Queen). Showy in box and basket for trailing over the edge. Small escalloped leaves dark green checked in maroon, the wedge-shaped center gay with magenta and cream.
- Crescent**. Red-maroon with pink wedge edged Nile green.
- Eddie George** The biggest leaves are 4 by 6 inches, heavily grained, with a beaded gold edge; solid, velvety bronze red-brown. 25c each.
- Firebrand**. Darkest in general effect. Edges dappled red.
- Glory of Autumn**. Most vivid autumnal colorings.
- Golden Crown**. Brightest yellow for bedding.
- Hollywood** Clustered small, crinkled leaves defined by yellowish green scallops; a threaded tapestry in red and moldy bronze, carmine and madder rose. 25c each.
- Pres. Harding** Fresh green changing to bronze, the center a flaming jagged halberd in garnet.
- Pride of Painesville** Velvety ebonized brown, with carmine-red center, scallops bright green with a red dot.
- Princess**. Purple madder brown; green edge, magenta midrib.
- Queen of the West**. Creamy green, yellow, carmine and maroon.
- Verschaffelti**. Rich, velvety crimson. The most solid red.

PARIS DAISY or "Marguerite"

- A delight in the garden and in summer boxes, or winter pots.
- Boston Yellow**. Single flowers, very free; deep canary.
- Mother's Favorite**. Semi-double; white, anemone center.
- Mother's Pearl**. Fully double; pure white.

PRICE Unless stated, 20c each;
3 for 55c; \$2.00 per dozen.

S. & H. DUSTY MILLER (Senecio Leucostachys)

Erect, tall-growing, heavily branching; a close network of skeleton leaves, silver-white at all times. Best of its kind. 2½ inch, 20c; \$2.00 per doz. \$15.00 per 100, by express.

FUCHSIAS

Highly prized for winter blooming, also popular for summer beds in partially shaded situations, and for color-spots in boxes and baskets.

- Black Prince**. Well expanded single flowers; carmine-lake color of corolla and calyx nearly alike.
- Little Beauty**. Dwarf, single, seldom without flowers. Sepals carmine, corolla deep lilac.
- Pride of Orion**. Semi-double, with long narrow pointed carmine sepals; fluted corolla pure white, with pink stamens.
- Speciosa**. A thrifty grower with ornamental red-veined foliage. Single, pale carmine sepals, deep scarlet corolla.

All 25c each; 3 for 70c.

Single flowered marked (*).

GERANIUMS

From 2½-inch pots.

PRICE Unless stated, 15c each;
\$1.50 per dozen.

- Alphonse Ricard**. Bright orange-red.
- *Beauty Poitevine**. Rosy salmon, shaded deep orange.
- *Irvington Beauty**. Giant, salmon flushed pink and cerise.
- Jean Oberle**. Exquisite hydrangea or "apple blossom" pink.
- Mme. Buchner**. Best of the double pure whites.
- Mme. Landry**. Semi-double. Rich salmon-shaded orange.
- Mme. Salerol**. Very effective for bordering. A thrifty grower, quickly reaching a dense 8x8 inch size; leaves small, bright silver-green, edged white. \$1.00 per doz. By express, \$8.00 per 100.
- Radio Red**. A new, double red, pure vermilion, displayed in thick clusters of large florets. 25c each; \$2.50 per doz.
- Ruby**. Large trusses on extra long stems; deep rosy scarlet; the upper margins pure scarlet. 25c each; \$2.50 per doz.
- S. A. Nutt**. Dependable for a constant blaze of crimson.
- Rose-Scented Leaved**. Broad skeleton leaf type; popular.

HELIOTROPE

This altogether delightful old plant has ever been a great favorite among those who enjoy garden perfumes.

- Centefleur**. Dwarf; florets wide and flat, deep heliotrope, with conspicuous white eye. 25c each; \$2.50 per doz.
- Royal Frangans**. Dark violet-purple in extra large florets compactly set in heavy cymes. 30c each; \$3.00 per doz.

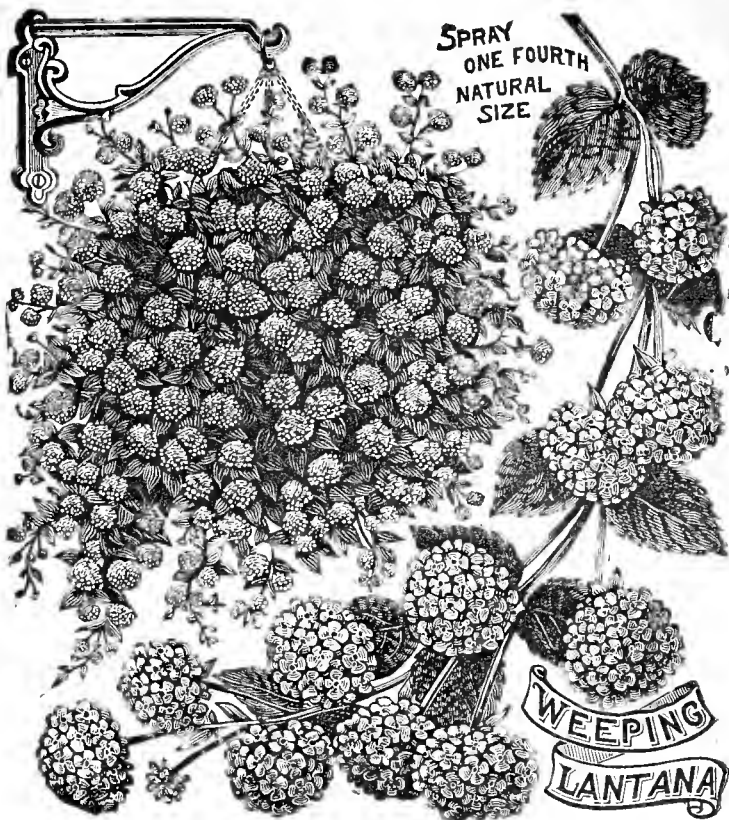
HYDRANGEAS

The flowers of varying color are compact, rounded trusses of 5- to 10-inch breadth, the individual florets mostly single and flat, of ¾- to nearly 2-inch diameter.

TRIAL SET

3 plants assorted
by mail postpaid, for.....
Or—6 plants assorted, 90c

50c



LANTANAS

Profuse, continuous blooming bedding plants, growing 12 to 18 inches high, also popular in baskets and boxes. The flowers are small, 2-toned bright-eyed cups, set closely together in rounded umbels 2 to 4 inches across.

- Alba Perfecta**. Creamy white; a charming companion.
- Countess de Biencourt**. Brilliant rose-pink, cream center.
- Craigi**. Cardinal-red velvet, its center studded with gold.
- Golden Queen**. Rich, solid golden yellow.
- Harkett's Perfection**. Variegated leaves; pink bloom.
- Weeping Lantana** A fine plant for small summer hanging baskets. Delicate rose-lilac in compact umbels, borne freely, in long, drooping flower-laden sprays.

PRICE 20c each; 3 for 55c; \$2.00 per doz.
By express, \$14.00 per 100.

PETUNIAS

From Cuttings

Double Flowered Perfect balls of wrinkled petalage. They furnish an unlimited amount of bloom throughout the summer. Red, Pink, Purple, Lavender, White, and Variegated.

Elk's Purple (Single). Giant; velvety black-purple.

PRICE 20c each; 3 for 55c; \$2.00 per doz.
By express, \$14.00 per 100.

POT GROWN ANNUALS

A Boon to Gardeners

We sow the seed, pot the plants, develop them in our greenhouses, and have the following fine list of favorite annuals well developed, ready to send out about May 1st. Just the thing for window boxes, beds and borders. See descriptions under Flower Seeds or Plants.

African Daisy (Arctotis)
Alyssum
Asters, to color in the main classes
Bachelor's Button
Browallia speciosa (\$1.50 per doz., \$10.00 per 100)
Calendula
Clarkia
Dusty Miller (Centaurea)
Kochia (Summer Cypress)
Larkspur, Annual
Lobelia, Trailing and Edging Kinds
Marigold, in variety

Petunias, Single
Rosy Morn, Triumph and Giant Ruffled
Petunias, Balcony (\$1.25 per doz., \$7.00 per 100)
Phlox Drummondii
Salpiglossis
Salvia, Red
Scabiosa
Schizanthus
Snapdragons, in variety
Strawflowers
Verbenas, in variety (from seed)
Zinnias, all types

PRICE Except noted, by mail, \$1.00 per doz.
By express, 75c per doz.; \$6.00 per 100.



Peperomia—Watermelon Begonia.

Condensed List of Well Known and Odd New.

POT PLANTS

PRICES All prices under this department are for postpaid delivery by mail, on dozens or less—unless otherwise specified. Express shipments are not prepaid. 2¼-inch pots if not otherwise specified.

Special Novelties
NEW PINK VIOLET

Rosina A charming innovation, valuable because of its two separate blooming seasons, distinct fragrance, and its unique coloring of pink and old rose. Each, 40c; 3, \$1.00; doz., \$3.50.
SAINT PAULIA (African Violet). Our improved grandiflora type, a choice pot plant. Early, uninterrupted, violet-like, deep blue; among thick, hairy, heart-shaped leaves. Each, 35c; 3 for \$1.00.



"Fountain Plant."

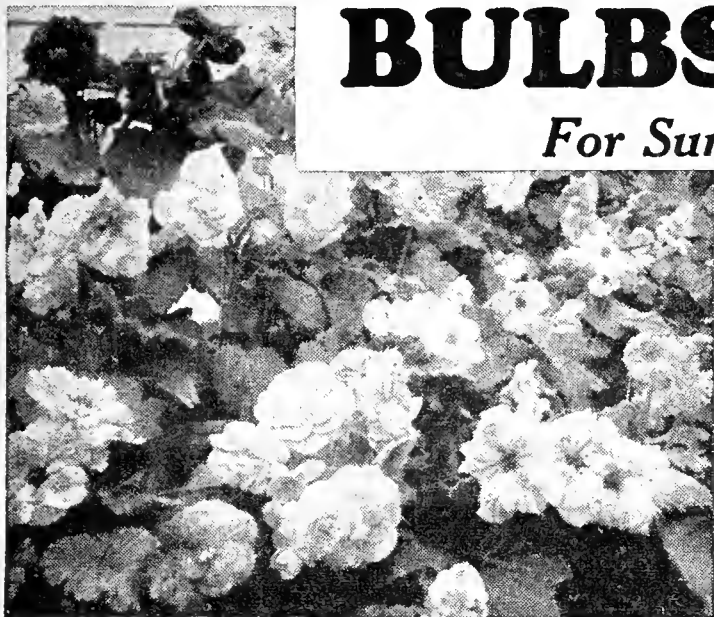
	Each	3
ACHYRANTHUS. Brilliant foliage plants for summer bedding.		
— Herbsti. Transparent leaves of rosy carmine.		
— McNally. Red stemmed; bright green with yellow veins.		
Both kinds: \$1.50 per doz. By express, 100, \$10.00	\$0.20	\$ 0.50
ALOE—True Tiger. A vastly superior strain of variegated Aloe, one of the finest and most favored of succulent plants. The broad, pointed, thickly tubular leaves are dark green, emphatically spotted or "tigered" with white	.50	1.40
ANTHERICUM goldianum. Dense clump of inch wide arching foliage, cream and green.		
2½-inch pots	.25	
3-inch pots	.35	
— Mandaianum. Narrow, long leaves; white, banded by green	.25	
ARAUCARIA (Norfolk Island Pine). A splendid house decorative pot plant; a close-needed tender evergreen built up in tiers of four or five short uniform fronds. 5-inch pots (2 to 3 tiers). By express	2.50	
ASPIDISTRA lurida. A very graceful broad-leaved foliage plant which thrives in houses even against the hazards of gas. 5-inch pot (18-20 in. high). By express	2.50	
BABY'S TEARS or "Paddy's Wig" (Helxine soleiroli). A charming little mosslike covering plant, useful for wall-bracket, shallow table-pot, or greenhouse ground. 2¼ inch	.25	.65
CRASSULA arborescens. The fine old "Jade Plant"; leaves rounded, thick and rubbery; murky bronze-green. 2¼ inch	.25	
CUPHEA tricolor (Cigar Plant). Useful in basket and window-box by showing innumerable little flame tipped red "cigars," on small-leaved plants	.20	.50
CYPERUS alternifolius (Umbrella Plant).....	.25	.65
DRACAENA indivisa. Numerous slender, grass-like, but rigid, green leaves, the favorite center plant for box, vase and basket planting. 4-in. ...	.50	
— fragrans. Plentiful, broad foliage of one color; lustrous, dark green. The plants are especially hardy and trustworthy for general house decoration. 4 inch	1.00	
— Massangeana. Broad green leaves, striped with varying shades of yellow. 4 inch	1.25	
FARFUGIUM grande (Leopard Plant). Big round leaves, blotched yellow, cream and sometimes pale rose. 4-inch pot plants	.75	
FITTONIA argyroneum. Large round leaves of vivid green with a network of pure white veins.	.35	.90
GREVILLEA robusta (Silk Oak). Shape of an oak tree; lacy foliage bronze gray	.20	.50
HIBISCUS, Cooperi tricolor. Shrubby upright growth with drooping irregular leaves variegated in greens, pinks, and white. 2¼ inch ...	.30	
— Peachblow. Flowers double; rich pink, with small, deep crimson center. 2¼ inch	.25	
— Double Red Peachblow. Like above, except its flowers are deep red		
IMPATIENS, Sultana Hybrids. Mixed	.25	.60
KALANCHOE coccinea. Small, rounded, bright green foliage, and brilliant scarlet flowers like Bouvardia. A consistent bloomer during many weeks under adverse living-room conditions ...	.35	1.00
LEMON VERBENA (Aloysia Citriodora) ....	.20	.50
MARANTA Kerchoviana. Big round leaves, spotted maroon. 2½-inch pots	.35	

	Each	3
PANDANUS Veitchi. An attractive decorative plant with graceful arching foliage, light green, striped lengthwise with broad bands of white. By express, 4 inch, \$1.00; 5 inch, \$1.50.		
PANSY PLANTS. Thrifty started plants, choice strains, including Swiss Giants and California Giants. Colors and markings widely varied, and very beautiful. 50c per doz.; \$3.50 per 100. By express, \$3.00 per 100; \$25.00 per 1000.		
PARROT'S FEATHER (Myriophyllum Proserpinacoides). A choice aquatic foliage plant; long stems bristling with soft green leaves like hairs. Self supporting in fish globes. 2½ inch...	\$0.25	\$ 0.70
PELARGONIUM, Mrs. Loyal. The genuine "Pansy Geranium." Rounded, satiny, its colors range from a crimsoned chocolate center through pink to white at the edges	.25	.65
PEPEROMIA Sandersi (Watermelon Begonia). Round convex leaves, dark green, striped gray like a Melon. 2½ inch	.40	1.00
3 inch	.50	1.40
— obtusifolia. The oval convex leaves are of large size, plentiful; a shiny, smooth surface of fresh brilliant green, 2½ inch	.40	1.00
PHOENIX Roebeleni. A dainty small palm for jardinières, light and feathery as Cocos but Hardy as a Kentia. 3 inch	.75	
5 inch	1.25	
PILEA (Artillery Plant). Makes a fine "wind-bent shrub," or an ancient olive tree in dish gardening. As a pot plant is a dense, rounded mass of tiny round leaves, with yellowish flowers ...	.25	.65
ST. AUGUSTINE GRASS. A dainty stooling, branching, variegated grass; very effective for pot specimens; baskets or other indoor decoration. The main blades are about ½ inch wide, cream color, with definite striped green edge ..	.25	.55
SANSEVIERIA zeylanica. Each upright, wavy leaf arising from the roots is striped crosswise with broad jagged white variegation on dark green. 2½ inch	.35	
— Laurenti. A striking novelty form, the variegation being a rich cream color instead of white, with the addition of a wide cream border around each leaf. 3-inch pot, 75c; 4-inch pot	1.00	
THYRSACANTHUS rutilans (Fountain Plant). Mostly used as pot specimens; its pendent, close-set braids of short tubular flowers a vivid coppery carmine. 2¼ inch	.25	.65
VERBENA. The choice Oxford Strain, vastly superior to other types; with very large florets, broad umbels, and better foliage.		
— Beauty of Oxford Cerise. A vivid red	.20	.50
— Beauty of Oxford Pink. Shell-pink and coral	.20	.50
— Ellen Willmott. Salmon-rose with white eye...	.20	.50
— Mayflower. Appleblossom-pink	.20	.50
VIOLETS. Of unfailing interest and popularity.		
— Frey's Fragrant. Profuse, single light violet.	.20	.55
— Princess of Wales. Large, violet-purple ....	.20	.55
Doz., \$2.00.		

We grow other choice plants besides varieties listed here. Write us if any other kinds are wanted.

BULBS and TUBERS

For Summer and Fall Blooming



Tuberous-Rooted Begonias.

BEGONIAS, Tuberous Rooted

For pot plants and garden beds. When grown outside, take up before cold weather, spread out to dry, pack in boxes of dry sand and store through winter in some cool place, yet not where frost can reach them. Some little time before planting outside in spring, they should be potted and kept inside until well started. They delight in a partial shade in soil composed of leaf mold, sand and well-rotted manure.

Double Flowered Varieties in separate colors: Scarlet, deep rose, shell-pink, orange, crimson, salmon and yellow.

Fringed and Ruffled (Crispa). Flowers of immense size with beautifully frilled fringed and wavy petals, in a waxy more dignified way creating an effect like the finest kind of Petunias. Ours is a choice strain. Separate colors: Dark red, rose-pink, salmon, scarlet, orange, yellow, and white.

25c each; 3 for 70c; \$2.50 per doz.; \$18.00 per 100.

Mixed. 3 for 60c; \$2.25 per doz.; \$16.00 per 100.

Trailing (Pendulata). A recent addition to Begonias, providing a type very useful and beautiful for hanging baskets and boxes. The extended trailing stems and extra leafage does not detract from normal size of the flowers which are single, waxy and well distributed. In separate colors: Orange, rose, and crimson.

30c each; 3 for 85c; \$3.00 per doz.

CALADIUMS

Esculentum (Elephant's Ear). Stands 6 to 7 feet high, with bright green leaves 3 to 4 feet long and 2½ feet wide. Should have plenty of water and good rich soil. Is a splendid adornment for the banks of lily ponds.

Large Size Bulbs. 25c each; 3 for 65c; \$2.50 per doz.

Fancy Leaved Beautiful variegated foliage plants, revealing in many soft colors and indescribable beauties of design; for window boxes, vases or single pot

plants, succeeding equally well in a somewhat shady situation out-of-doors. After becoming well established, they require liberal watering, coupled with adequate drainage. The bulbs should be started into growth about the first of April, dried off in October, and kept warm and dry until spring.

Mixed. 35c each; 3 for \$1.00; \$3.50 per doz.

CALLAS

The White Calla is rarely used except for house blooms; but the hardier spotted-leaved variety, Elliottiana, is also much used in gardens for the beauty of its foliage as a border, and its delightful flowers for late summer cutting. The bulbs should be set out after danger of frost is past, and dug up again in the fall for drying off and winter storage.

Elliottiana Clean, dark foliage spotted creamy white, and splendid flowers of waxy golden yellow.

Extra Large. 2 to 2½ in., 40c each; 3 for \$1.00; \$3.50 per doz.

S & H Godfrey Everblooming Calla

Flowers pure white, delicately scented, extra free, of prolonged blooming season. Ours is a special strain improving size and perfection of the flowers. 20c each; 3 for 50c; \$1.80 per doz.

AMARYLLIS

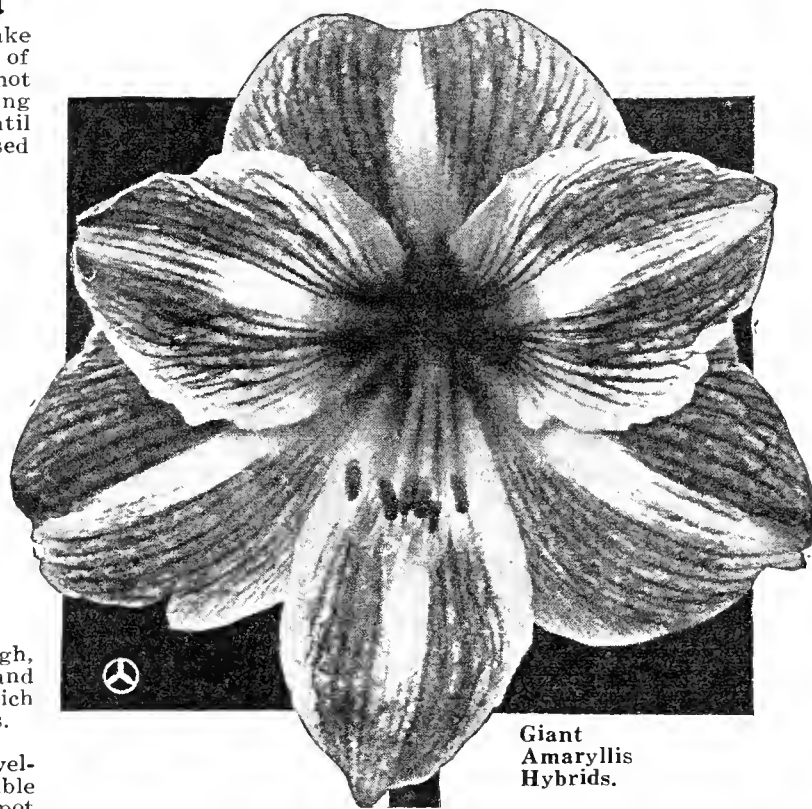
Valuable alike for house, conservatory or summer garden. For pot culture, they should be potted in well drained soil composed of leaf mold and light loam, or in any rich soil. One bulb to a 5-inch pot, just barely covered. The lily-like flowers run to large size, with broad recurring petals, and should appear in a few weeks after potting. After blooming season is over, withhold water, as the top begins to die; when thoroughly ripened place in dry, cool place, leaving plant in pot to allow season of rest.

Giant Hybrids Our offering is a selection representing the finest, largest flowered, and most richly colored strains of modern development. The body color may be white, broken up by heavy streaks and lines of tropic luxuriance, in rose, red and other colors—or else dominantly orange, cherry, cerise, crimson, with mottling or striping of vivid contrasts; 3 to 6 flower stalks to the bulb. Offered in mixed colors only.

First Size. 2¼ to 2½ in., 50c each; 3 for \$1.25; \$4.50 per doz.

XX Size. 2½ to 3 in., 65c each; 3 for \$1.70; \$6.25 per doz.

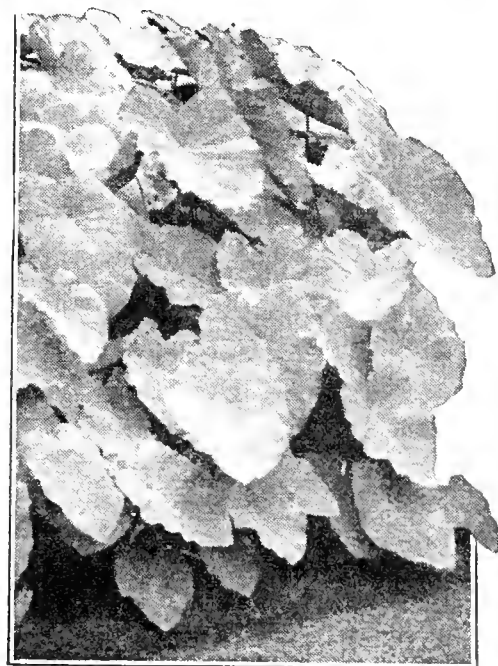
XXX Size. 3 to 3¾ in., 75c each; 3 for \$2.00; \$7.50 per doz.



Giant Amaryllis Hybrids.



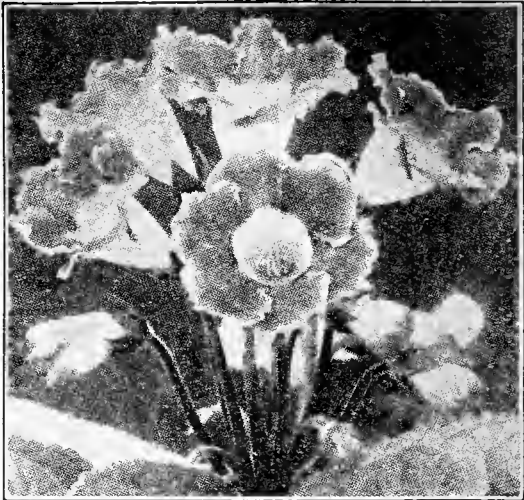
Fancy-leaf Caladiums.



Caladium—"Elephant's Ear"



A Bed of President Cannas.



Gloxinia.

CANNAS

Cannas are the tallest and bulkiest of all bedding plants. Their foliage serves to conceal the ground or background, and is of itself attractive in rich shades of green, bronze, red and chocolate. The surmounting flower trusses are uniformly large, free and brilliant. Set 18 inches apart.

City of Portland (3½ ft.). Warm rose-pink, holding its tone through both hot and cold weather.

Hungaria (3½ to 4 ft.). Bright "Neyron Rose" pink, throat prettily mottled with creamy white.

King Humbert (4 to 4½ ft.). Immense flowers, orange-scarlet flecked with rose. Beautiful heart-shaped leaves, bronze, shaded purple and brown.

Queen Helen (4 to 5 ft.). Green leaves; large flowers golden yellow blotched crimson.

Richard Wallace (5 ft.). Pure canary yellow.

The President (4 ft.). Massive flower heads, deep rich crimson-scarlet.

PRICE	3	Doz.	100	By Express
Dry Roots ...	\$0.30	\$1.00	\$7.00	Before May 1st
Started Plants	.75	2.50	15.00	After May 1st

GLOXINIAS

Handsome, large, round, hairy leaves and quantities of big flowers. Give rich, light soil and partial shade, until well started into growth; in watering, do not wet the leaves. When through blooming, store in dry, warm place for repotting next season.

Blue Bell. Solid light violet-blue.

Brunhilde. Clear, waxy white.

Bucephalus. Largest; garnet, silver edged.

Cyclops. White, with dark red edge.

Red Admiral. Bold, flaming crimson.

Spotted and Tigered. Mixed colors.

Each, 35c; 3 for \$1.00; \$3.50 per doz.

MIXED. 3 for 95c; \$3.25 per doz.



Godfrey Calla. See page 53.

CINNAMON VINE Dioscorea Batatas

Extra hardy, insect-proof, fast growing (25 to 40 ft. in one season); a beautiful vine of glossy, heart-shaped foliage, turning yellow in autumn. Tops die down for winter, but spring forth early with renewed vigor. Tiny white flowers in small axillary clusters, scent the neighborhood with a delicious cinnamon fragrance.

Roots. 4 to 6 in long, 15c each; 3 for 40c; \$1.50 per doz.

MADEIRA VINE

A beautiful rapid growing vine with dense foliage, fleshy, heart-shaped, light green. Numerous mignonette-like feathery racemes of pleasantly fragrant white flowers.

Strong tubers: 15c each; 3 for 40c; \$1.50 per doz.

TUBEROSE

Excelsior Pearl. Fall flowering bulbs; long, compact spikes of double, waxy white flowers; exquisitely perfumed.

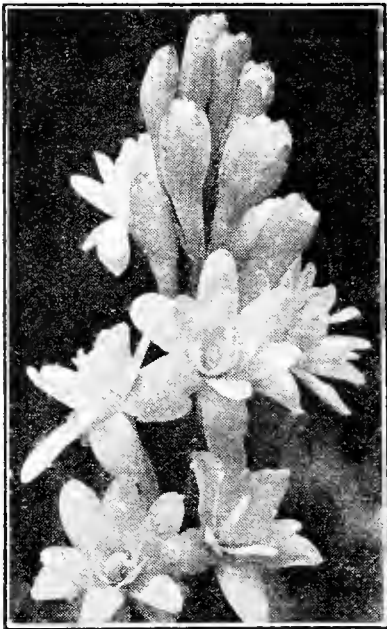
3 for 25c; 75c per doz.

By express, \$5.00 per 100.

ZEPHYRANTHES
(The Zephyr Lily)

Airy, dainty, small plants and bloom, from small bulbs. Used for summer garden massing, in boxes, and in pots for the house.

Mixed. (Pink and White). Doz., \$1.20; 100 (postpaid), \$8.00.



Tuberose.

Mail Order Bargain Collections

of Plants at Half Price—15 Different Sets 85c Each, Postpaid

These bargain collections can be offered cheap because they are assembled in large quantities and at one time, at a minimum handling expense. You get the same quality of plants that you would receive were they purchased as single items and save practically half the cost.

Choice Varieties

Select the sets you want, but the choice of varieties must be left to us. Plants and bulbs used in filling these collections are not the cheapest varieties by any means. Often we include novelties and especially good varieties of which we have a surplus.

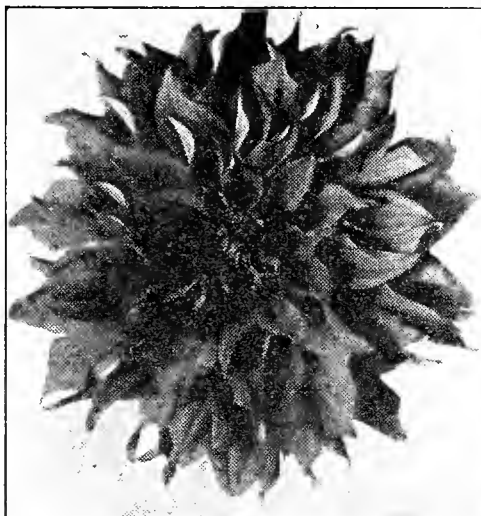
Mention Set Numbers Wanted. Our Selection of Varieties. Each Set Postpaid, for **85c**

The Prices of all collections are NET except that we will send 5 collections for\$3.75

- Set No. 1. 5 Assorted House Plants.
- Set No. 2. 5 Tuberous Rooted Begonias.
- Set No. 3. 6 Double Petunias, assorted.
- Set No. 4. 6 Begonias, assorted.
- Set No. 5. 6 Rockery Plants, assorted.
- Set No. 6. 6 Hardy 'Mums, in 6 varieties.
- Set No. 7. 4 Lily bulbs, good hardy kinds.
- Set No. 8. 8 German Iris, 8 varieties.
- Set No. 9. 30 Gladiolus bulbs—mixed.
- Set No. 10. 8 Herbaceous plants, asst.
- Set No. 11. 6 Hardy Phlox, 6 varieties.
- Set No. 12. 5 Dahlias, in 5 varieties.
- Set No. 13. 6 Fern Dish Ferns, assorted.
- Set No. 14. 5 Hardy Columbines, assorted.
- Set No. 15. 5 Zephyr Lilies; 5 Tuberose.



Champoeg.



Dwight W. Morrow



Kathleen Norris.

DAHLIAS

Frequent cultivation is essential. Time for planting varies according to climate, but is safe after all danger of late frost is past. Tubers should be planted 6 inches deep, laid flat, eyes or sprout up. Although tubers produce more stalks, started plants give practically an equal amount and quality of bloom. We send out tubers until supply is exhausted; after which orders are filled with started plants, at same price. C—means "Cactus." D—means "Decorative." S—means "Show."

Post-paid Quant- ity Prices

Each	3	Doz.
25c	\$0.65	\$ 2.50
35c	.95	3.50
50c	1.35	5.00
75c	2.00	7.50
\$1.00	2.70	10.00
1.50	4.00	15.00

A. D. Livoni (S). Warm rose-pink, perfect flowers, overlapping quilled petals. 25c.

California Beauty (C). Burnished copper toned with amber and coral red. 50c.

Champoeg (D). A magnificent exhibition variety, early and free-flowering, with stiff stems. Lemon-yellow with a charming suffusion of deep rose-pink. \$1.00.

Countess of Lonsdale (C). Perfect cactus type, long season; blended amber and salmon. 25c.

Dwight W. Morrow (D). An outstanding introduction; not only of giant size and perfect form, but noticeable in any garden for the startling brilliancy of its deep red color. \$1.50.

Elite Glory (D). Pure scarlet. Perfect form, on stiff stems; very large and showy. 50c.

Ellinore Vanderveer (D). Medium size, pleasing satiny rose-pink. 35c.

Fort Monmouth (D). A free-blooming, long-keeping new kind with flowers of mighty size; rich crimson-maroon shaded bluish violet at petal tips. 75c.

George Schofield (C). Medium sized; thinly tubular, incurving petals, apricot-yellow. 25c.

Gladys Sherwood (C). Broad and thick; petals broad-based but tubular at tips. Unblemished, glistening white. 50c.

Ida Perkins (D). Early blooming; of perfect, gracious form, retaining its full center; ivory-white, slightly tinged primrose at center. 50c.

Jane Cowl (D). Deep, massive, with a pleasing twist of informality. Golden yellow, clouding with a suffusion of chamois and orange-pink to the center of ruddy apricot. 50c.

Jersey's Beacon (D). Solid Chinese scarlet, the reverse a lighter shade. 35c.

Jersey's Beauty (D). Luminous coral-pink with golden base and rosy glow. 35c.

Jersey's King (D). A rich combination of strawberry-red at center, with old gold. 50c.

Kathleen Norris (D). Above average size, petals broad and over-lapping with twisted ends, full tight center, long stems, a very free bloomer and a long keeper when cut. Color is pure rose-pink, eventually mallow-pink with a lighter shade at center. 75c.

Margaret Woodrow Wilson (D). Broad, with abruptly tapering, wide, partially quilled petals; blush white tinged mauve at center. 35c.

Marmion (D). Golden yellow outlined with the reddish bronze of the center; under side suffused. 50c.

Monmouth Champion (D). This new kind has a massive flower, very formal in shape, borne freely on strong-growing plants; the color a flashing orange-flame. 75c.

Mrs. I. de Ver Warner (D). Refined, of moderate size, very free, early and continuous. Color very popular, orchid or deep mauve-pink. 25c.

Mrs. Wellesley (S). A popular bedder; white heavily tipped violet-crimson. Fine for shallow bowl-bouquets. 25c.

Polar Bear (D). Pure, waxy white, the flowers of medium size borne very freely. 25c.

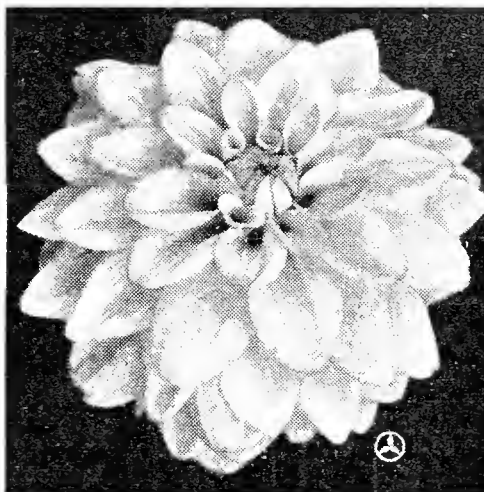
Pop Stewart (D). Compact, many petaled, flat flowers, 8 to 10 inches across. The color is a solid light lavender, deeper at the base of inner petals. 35c.

Sagamore (D). A superb cut flower of pleasing size; perfect decorative form; high-built center. Soft saffron-yellow with a faint rose undertone at base, the compact center enriched by ruddy apricot. 35c.

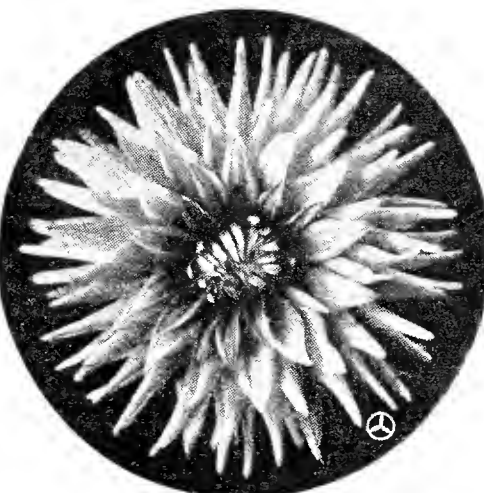
Sanhican's Bluebird (D). Magnificent broad flowers; unfading rich violet-blue. 50c.

Thomas Edison (D). A choice new variety of large size with cane-like stems, the bloom very formal. Rich, deep purple with the sheen of velvet. \$1.00.

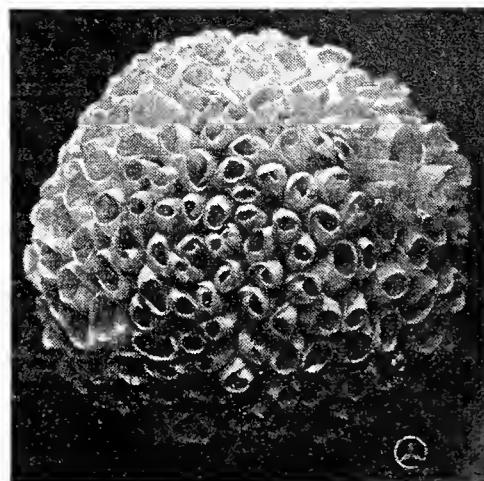
Yellow Colosse (D). Solid primrose-yellow; an old variety, dependable and pleasing. 35c.



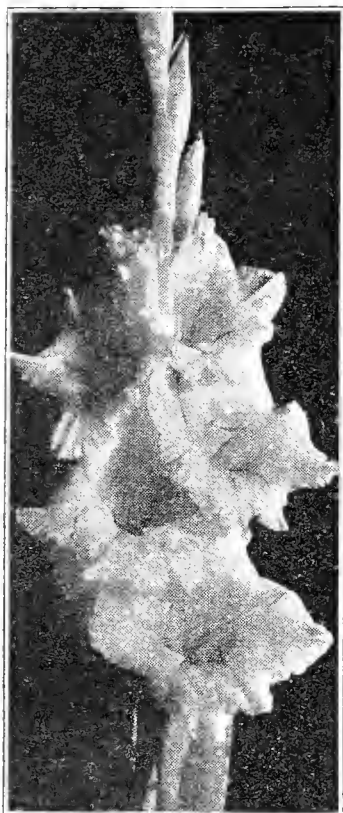
Ida Perkins.



Countess of Lonsdale.



A. D. Livoni.



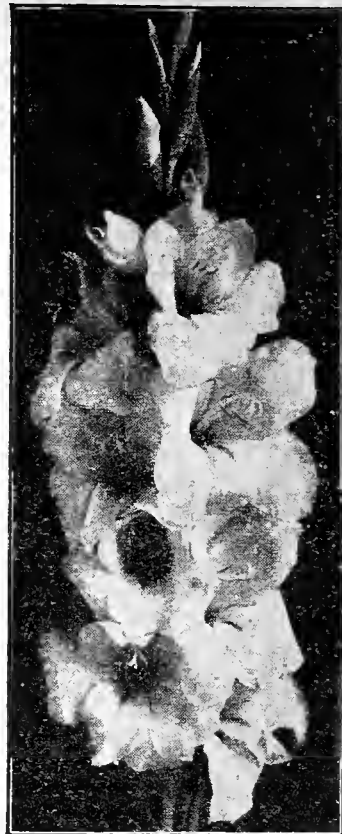
Mrs. P. W. Sisson.



Veilchenblau.



Halley.



W. H. Phipps.

GLADIOLI No. 1 Size

GLAD PRICES Delivered to You!

100	Doz.	3
\$3.50	\$0.50	\$0.15
4.00	.60	.20
5.00	.70	.25
6.00	.85	.30
7.00	1.00	.35
15.00	2.00	.60

Gladiolus flowers last longer when cut than most any others and open up best in water. Bulbs should be planted between April and May, 4 in. deep and 2 in. apart in the drills, single rows 12 in., and double rows 18 in. apart. Beds do well planted 4 to 6 in. apart each way.

Apricot Glow. Clear, unmarked apricot; large, early. Full spikes. \$4.00 per 100.

Betty Nuthall. Sparkling, iridescent, orange-pink; the throat golden orange lined carmine-rose; the reverse a lovely coral-pink. \$6.00 per 100.

Byron L. Smith. The earliest lavender; a beautiful pink-orchid shade with a white pattern and gilded throat. \$5.00 per 100.

Charles Dickens. A good grower, with tall spikes and large flowers; bright purple-violet. \$6.00 per 100.

Commander Koehl. Red as blood; the shadows velvety cardinal. Outstanding because it has no blotch or discoloration. A tall spike with several fine open flowers at a time. \$15.00 per 100.

Crimson Glow. Very dark velvety scarlet with garnet streaks. \$3.50 per 100.

Dr. F. E. Bennett. Velvety flame-scarlet, throat dusted with ruby and cream. Very large and many flowers. \$4.00 per 100.

E. J. Shaylor. Large flowers beautifully ruffled; deep rose-pink with crimson feathering and mottling. \$3.50 per 100.

Evelyn Kirtland. Coral-pink flaked with silver; blotch on lowers orange-carmine, with mahogany midrib. \$4.00 per 100.

Giant Nymph. La France pink with creamy yellow throat. A splendid cut flower type of large size and full spike. \$4.00 per 100.

Gold Eagle. Tall, very early; good sized flowers slightly ruffled; wide open, solid deep lemon-yellow. \$4.00 per 100.

Golden Dream. As deeply, richly golden as Souvenir, but much larger, taller and later; many open flowers at one time. \$4.00 per 100.

Halley. Earliest; large florets, full spikes, fine for cutting; salmon-pink, one small lower blotched yellow with crimson dust. \$3.50 per 100.

L'Immaculee. Pure white; long, slender spikes of a dozen or more. \$4.00 per 100.

Marmora. Lavender-gray, with a charming throat contrast of petunia-purple; massive flowers on tall spikes. \$6.00 per 100.

Mrs. Dr. Norton. Flushed white; side petals and central lower tipped shell-pink; lowers overlaid buff with red dust base. Prominent contrasting buds of damask rose. \$4.00 per 100.

Mrs. F. C. Hornberger. Snow-white unblemished, even the throat unstained. Splendid large, gracefully ruffled flowers in well-filled spikes; late. \$6.00 per 100.

Mrs. F. C. Peters. A beautiful orchid-pink, with a crimson-purple blotch haloed white on lower segments. \$4.00 per 100.

Mrs. Frank Pendleton. White, warmly suffused shell-pink; the three lowers radiant with a polished mahogany blotch and its feathery halo of cherry-red. \$3.50 per 100.

Mrs. Leon Douglas. Brilliant, extra large and numerous flowers, begonia-rose striped with flame and scarlet, the lip lemon speckled with ruby. \$4.00 per 100.

Mrs. P. W. Sisson. A splendid cut flower, resisting wind and sun; flowers large, shapely, numerous; clear cameo pink. \$4.00 per 100.

Nancy Hanks. Rich apricot to orange-pink, with grenadine tongue. \$4.00 per 100.

Primrose Princess. Clear, delicate primrose-yellow, the lower petals rich amber. \$7.00 per 100.

Veilchenblau. At last—a rugged, upright Blue Glad. Flowers large, in well-filled spikes. Velvety blue-violet, lightening towards the center. \$6.00 per 100.

Violet Beauty. Tall; large, beautiful flowers of cerise-violet or wine stained purple, with ruby blotch. \$3.50 per 100.

W. H. Phipps. Dominating flowers of immense size in long, massive spikes, all out at once. La France pink warmed with salmon-rose, lighter at center; lowers faintly clouded with ruby dots. \$4.00 per 100.

S & H "OLD GLORY" MIXTURE

Our special hand-made assembly of choice listed varieties, one each to the dozen, or ten each to the hundred. No guesswork.

Doz., 40c; \$3.00 per 100, delivered.

By express, collect, \$25.00 per 1000.

STANDARD GLAD. MIXTURE

Fifty choice named kinds mixed up—you taking your chance on what varieties occur.

Doz., 30c; \$2.50 per 100, delivered.

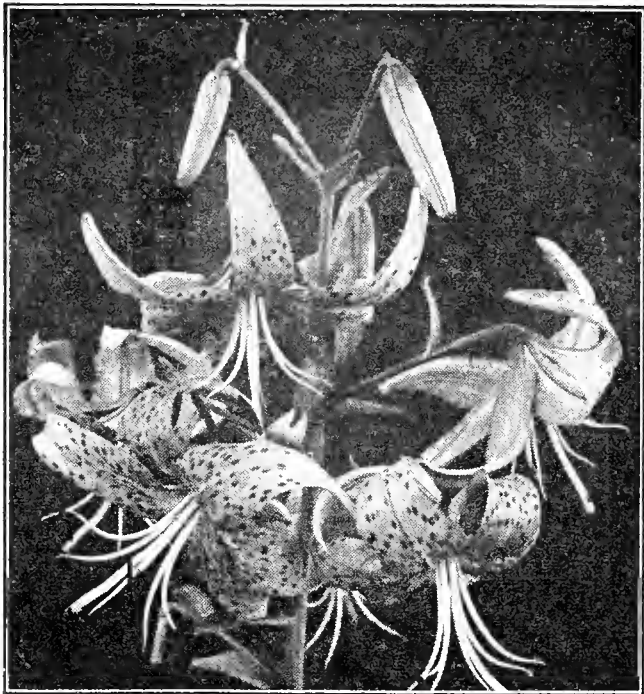
By express, collect, \$20.00 per 1000.



Betty Nuthall.



The Regal Lily.



Tiger Lily.

HARDY LILIES

MOST Lilies will succeed in any light, sandy or loamy soil if sufficiently enriched and properly drained. Decayed peat and leaf mold are often successfully mixed with the other soil. Well-rotted cow manure is best, thoroughly mixed in, followed in after years by top dressing. Fresh manure must be avoided.

In garden planting, the bulbs should be set no less than three times their own depth and mulched heavily after the first frosts come, for winter protection. In locating these plantings remember that Lilies object to frequent removal; they should be left undisturbed several years. See our page of Hardy Water Lilies—page 49.

Prices include delivery to you.

Auratum (Gold-Banded Japan Lily). This variety has ever been a great favorite. The flower heads are large, with broad petals gracefully recurved. White, thickly studded crimson-maroon, with a wide gold band down the center of each petal. July-August.

	Each	3	Doz.
First Size	\$0.35	\$0.90	\$3.00
Extra Large .....	.50	1.25	4.50

Batemanniae. Bright apricot tinted flowers; blooming in July-August. Each, 40c; 3, \$1.10; doz., \$4.00.

Croceum. A handsome, showy Lily, 3 to 6 ft. high, with up to 20 horizontal flowers 3 to 4 in. in diameter. Hardy, vigorous and long lived. June and July flowers, orange-yellow tinged red, spotted purplish black. Each, 50c; 3, \$1.40; doz., \$5.00.

Henryi (Yellow Speciosum). One of the finest hardy Lilies, of strong, vigorous growth, with flower stalks 3 to 5 feet long; deep apricot-yellow, lightly spotted brown. August-September. Each, 50c; 3 for \$1.40; \$5.00 per doz.

The Regal Lily (*Lilium Regale* or *Myriophyllum*). In rich soil, the flower stalks attain 4 to 5 feet, densely covered with good lanceolate foliage, crowned with varying clusters of very large, long tubed, wide mouthed Lilies. Although immaculately white, the outer surface of the flower is streaked with a delightful stain of coral-pink; the deep throat being heavily gilded. The perfume is exquisite. June-July.

Flowering Sizes	Each	3	Doz.	100
4 to 5 in.	\$0.15	\$0.40	\$1.45	\$10.00
5 to 6 in. ....	.20	.55	2.00	15.00
6 to 7 in. ....	.25	.65	2.50	20.00
7 to 8 in. ....	.35	1.00	3.50	25.00

Speciosum album. Pure white with a green band traversing the center of each petal. The Speciosums are always dependable and important. 8 to 9 inches. Each, 40c; 3 for \$1.00; \$3.75 per doz.

Speciosum rubrum magnificum. This is one of the joys of August; ruby spots informally distributed over a broad expanse of white. 8 to 9 inches. Each, 35c; 3 for 90c; \$3.00 per doz.

Superbum. Runs from 3 to 6 feet in height, its nodding crests adding to the general brilliance of July and on into September, with from 5 to 40 handsome blooms of orange-scarlet shaded yellow, with red anthers. Requires shade and moisture. Each, 20c; 3, 50c; doz., \$1.75; 100, \$12.00.

Tenuifolium (Coral Lily). A flashy little midsummer Lily, great for mass effect, good in rockeries, often potted. The flowers are tiny 2-inch balls, but so numerous and so intensely scarlet they shame the larger reds. Slender stems 1 to 2 feet high, with fine cut ferny foliage. Each, 25c; 3, 60c; doz., \$2.10; 100, \$16.00.

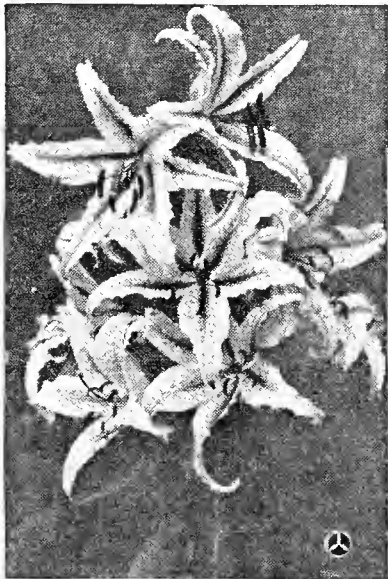
Tigrinum splendens. A much improved strain of the well known "Tiger Lily." One of the easiest Lilies to grow successfully, attaining 4 to 5 feet in height and blooming profusely during July. Orange-red, heavily spotted with black. Each, 25c; 3, 65c; doz., \$2.50; 100, \$18.00.

Tigrinum flore pleno. 3 to 4 feet. The "Double Tiger Lily." A very showy flower naturally heavier and bulkier than the single type, with richer coloring. Each, 30c; 3, 80c; doz., \$3.00; 100, \$20.00.

Umbellatum grandiflorum. Tall growing as well as stocky; beautiful, upright bell-shaped flowers of coppery orange and red, sometimes slightly spotted. June. Each, 30c; 3, 80c; doz., \$3.00; 100, \$22.00.

Lily-of-the-Valley Just the thing to put into that cold, shaded strip along the walk on the east or north side of your house. The loose panicles of tiny bell-shaped flowers set low in their emerald foliage, and are not conspicuous; but they do cover the waste ground, furnish a vast amount of cut sprays, and sweetly perfume the entire yard.

2-Year Pips (Berlin Strain). Doz., 50c; \$3.50 per 100; 250 for \$7.50.



Auratum.



Magnificum, and Album.



Charles K. Douglas.



Briarcliff.



Dame Edith Helen.

S & H HARDY FIELD-GROWN ROSES

S. & H. 2-yr. Field-grown Roses have an enviable international reputation for character and virility; a reputation strictly maintained despite disasters, depressions, price-panics and every other economic disturbance.

The classes and varieties we list are all hardy, with winter protection.

As a popular service, we cut back and root-prune your Roses,—ready to plant.

In comparing prices, all we ask of you is to give quality and grade their true value.

Our old customers will readily understand the following:

This fine super grade, the very best offered to the buying public,—has, until just lately, been the only grade our Mail Order Trade has ever known.

During the past three years, however, such has been the confusion and uncertainty brought about by desperate merchandising

efforts throughout the country, we have decided to offer direct to our customers, our own standard No. 2 grade. This will cover demand from many people who choose to take advantage of low price. Purchasers of this grade from our cellars will get the benefits of our fresh, well-kept stock, unexposed beyond the day or two (packed), in transit.

S & H #1 ROSE GRADE

**S & H — 2nd SIZE
EVERBLOOMING ROSES**

S & H ROSES are INVARIABLY BUDDED on HARDEST STOCK

CULTURE. Before planting, consider these simple instructions: Sunny location protected from boisterous, cold north winds. The soil should be clean and mellow; containing some clay for body and some gravel or peat for porosity, with thoroughly worked-in fertilizer—well rotted manure being the best. Dig the holes deep and big enough so that the roots may be naturally spread out, resting upon and enveloped by a generous amount of the prepared soil filler. Make sure all the fibrous roots are firmly packed into their new home, by sifting and tamping. Do not mound the surface, as that would divert rainfall and applied moisture. Be particular to soak the fresh planting, and never allow it to dry out, or the soil to cake. "Everblooming" Roses require about 18 inches planting space; June Roses, about 2 feet. The climbers need some kind of trellis support. The Rugosas, Hugonis and Native types are used just the same as shrubs; the Baby Ramblers in massed beds, or as borders and for low hedges.

Everblooming Roses Hybrid Tea, Pernetiana

#1 EACH— 3 for \$2.00 6 for \$3.75 70¢ | PRICE of following 34 varieties —postpaid. #2 EACH— 3 for \$1.00 6 for \$1.80 35¢

American Beauty. Cerise-red.

Betty Uprichard A charming type with rolling edges, a blend of deep toned carmine with coppery orange; the interior being mostly a delicate salmon-pink.

Briarcliff. A bright, clear, Columbia rose-pink. Vigorous, hardy; dark foliage resistant to mildew.

Chas. K. Douglas. Vigorous upright growth, and liberal bloom; flaming scarlet flushed velvety crimson.

Columbia. A beautiful, true, deep, enduring pink; a distinct shade.

Dame Edith Helen. A magnificent, fragrant, full-bodied new rose of many substantial petals which curl back prettily, holding steadily to one vivid pink color.

Duchesse of Luxembourg. A fine, compact rose of vigorous branching habit and freedom; amber-yellow rolling away from a fawn-pink heart.

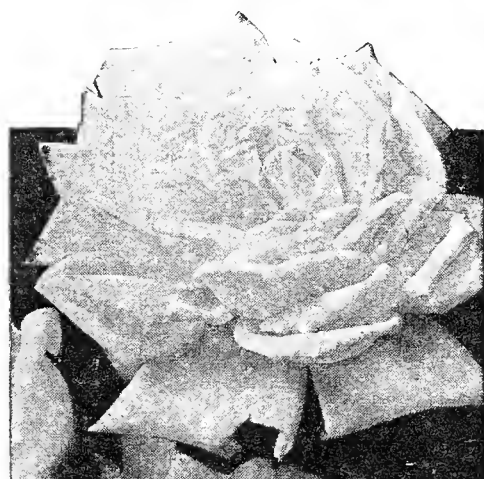
Duchess of Wellington. Intense saffron-yellow stained crimson; long buds.

Earl Haig. Remarkable fragrance, freedom, and unfading cherry-crimson color. Permanent high-built center, with thick rolling petalage.

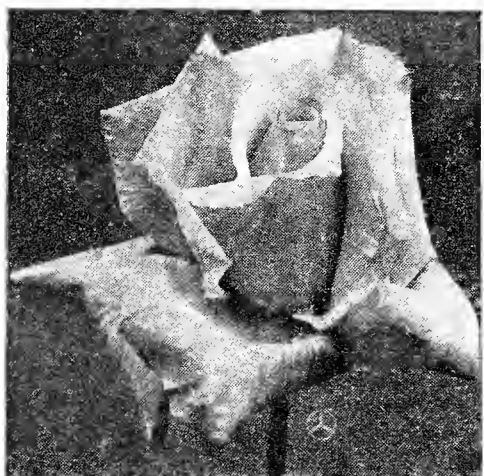
Edel. The flowers are of noble size, deep, close-centered, with many petals; ivory at base but otherwise purest white, the broad roll of edges frost-like.

Etoile de France. Velvety garnet-red cup, with center of vivid cerise; imbricated flowers very large and full.

Francis Scott Key. Red, shading to cerise; very large with a profusion of petals opening to a high center.



The White Edel.



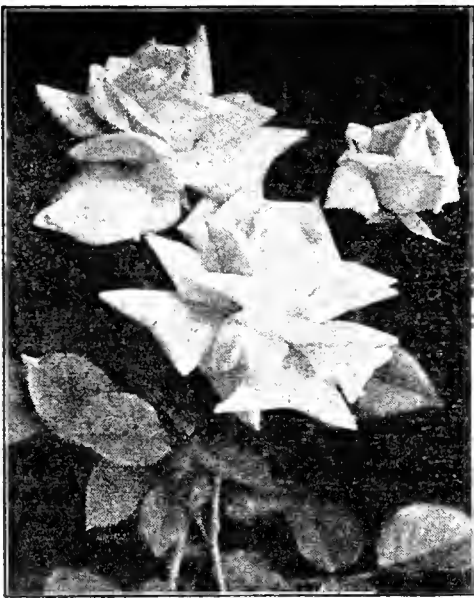
Betty Uprichard.



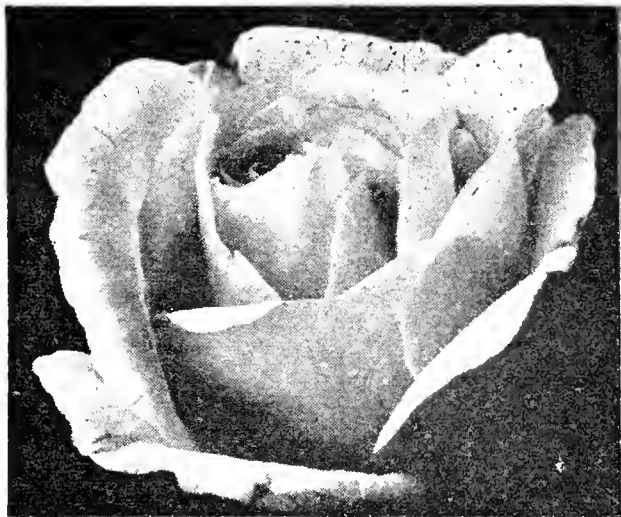
Lady Hillingdon.



Souv. de Claudius Pernet.



Mme. Butterfly.



Mrs.
E. P.
Thom.

Continuation of 70c Everblooming Roses

General MacArthur. Dazzling crimson-scarlet, exquisitely perfumed.

Gruss an Teplitz. Tall, showy bedder, with reddish stems, and unlimited long season bloom; intense velvety crimson-red. On account of its long, arching stems, should be placed in the background or at center of a bed.

H. V. Machin. Scarlet-crimson; the velvet sheen making it appear darker.

Lady Alice Stanley. Double light silvery pink, outside of petals darker.

Lady Ashtown. Brilliant glossy pink; a favorite garden variety.

Lady Hillingdon. Strong apricot-yellow buds, still pale yellow when open, with an added orange tinge.

Los Angeles. Flowers large and continuous, in color a flame-pink, toned with coral and shaded with translucent gold at the base.

Miss Rowena Thom A vigorous novelty adapted to widely varied climatic conditions and general garden usage. Its flowers are of noble proportions, full bodied and 5 inches or more in diameter, borne freely and unremittingly all summer; the buds long and shapely. Brilliant rose-pink, intensified by a golden suffusion at base of petals.

Mme. Alexandre Dreux. An excellent golden yellow of deep tone, with full, shapely flowers on erect branches.

Mme. Butterfly. A symphony of cream, pink, apricot, and gold. The buds are a rich Indian red, yellow at base; a delightful element in the constant mass of bloom.

Mme. Edouard Herriot. (Per.). A glorious commingling of terra cotta, bronze, geranium-red and dull copper; fine, long, pointed buds of coral-red and yellow.

Mme. Jules Bouche. Pure white slightly blushed at center. A fine bedding type.

Mrs. Aaron Ward. Deep golden orange, shading to cream; the standard yellow, small-budded "corsage rose."

Mrs. Charles Bell. Soft shell-pink with a salmon background; long retaining its full globular shape.

Mrs. Wakefield Christie-Miller. Large, globular bloom, delicately blushed pearl with salmon shadings; the outside warmly suffused with rose. A favorite cut flower.

Mrs. Erskine Pembroke Thom

A new, solid yellow built like Pernet; with continuous free bloom, a perfect center, clear lemon color which does not fade, and dark, bronzy foliage.

Radiance. Extra hardy, vigorous and prolific; one of the best all-around garden Roses. Its color is a beautiful blending of carmine-rose with shades of opal and copper.

Red Radiance. Globular, heavy stemmed, brilliant crimson.

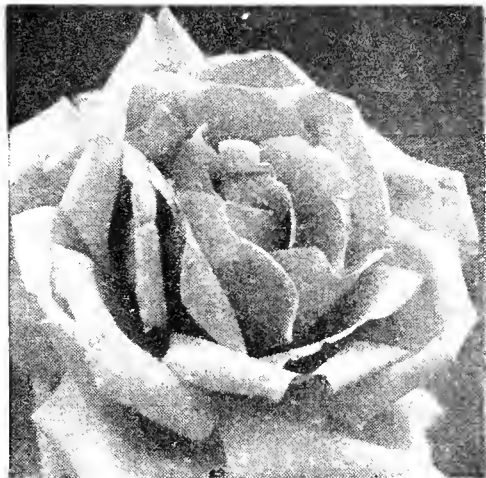
Souv. de Claudius Pernet

A decided and comparatively unfading sunflower yellow even deeper toned at center. Its flower form is large and full with elongated petals. We still consider this the most dependable yellow.

Souv. de Georges Pernet. The color is a cheerful succession of reds—from orient to cochineal to carmine edge—the whole made brilliant by a golden sheen.

White Killarney. A pure white duplicate of the charming pink Killarney.

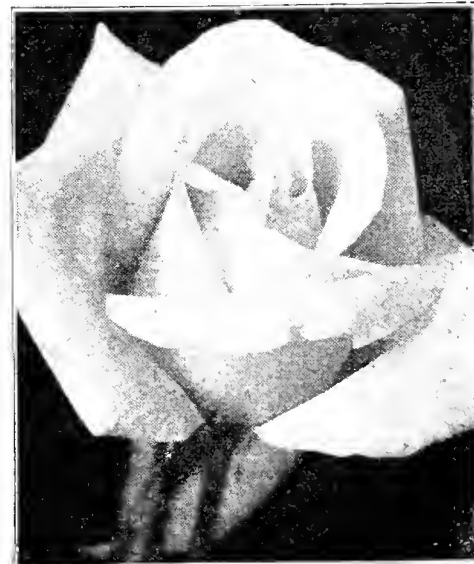
William F. Dreer. Soft, silvery shell-pink, at times creating a golden illusion through reflection from the base of petals which are definitely gilded.



Radiance.



Mrs. Wakefield Christie-Miller.



White Killarney.

Learn About Roses



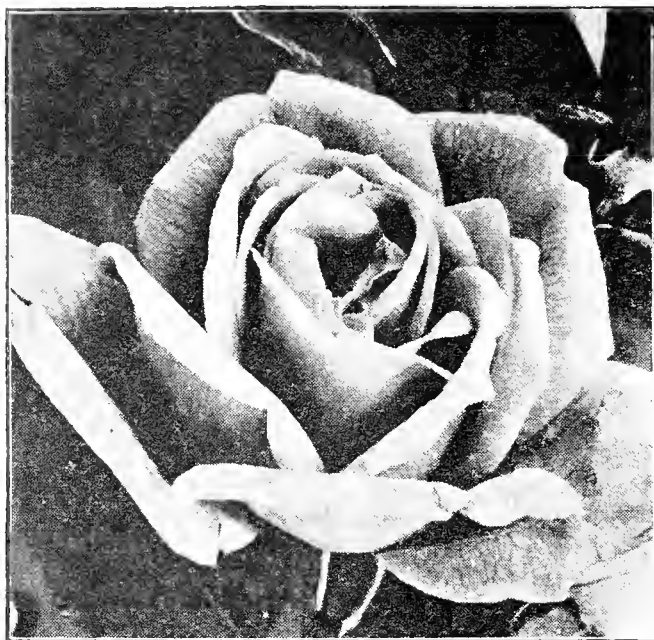
GET THIS
BOOK

HOW TO GROW ROSES

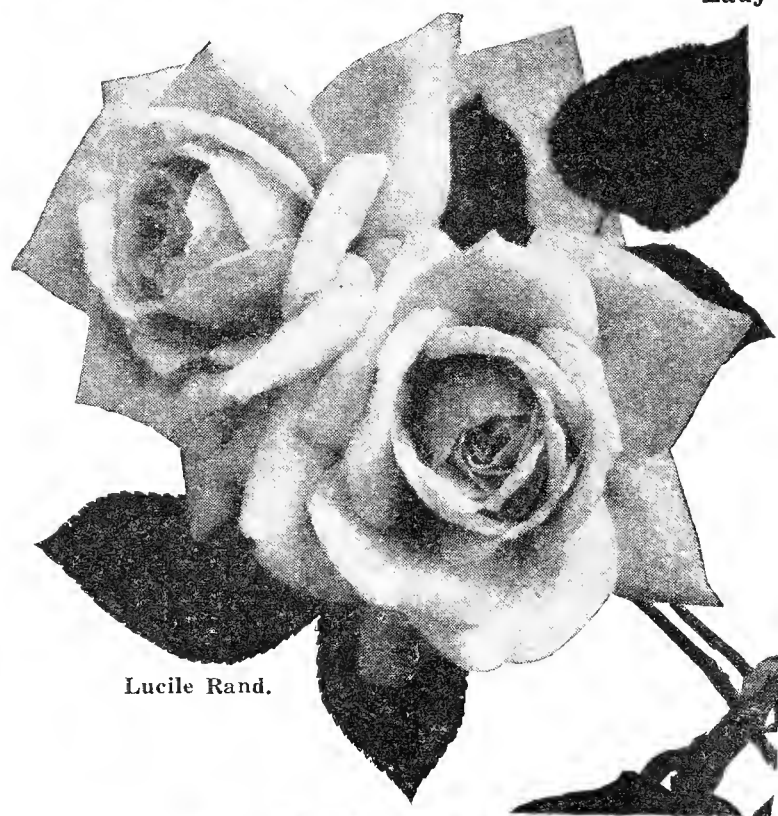
by Robert Pyle,
J. Horace
McFarland,
and G. A. Stevens.

Every step in the successful growing of roses is made clear in this how-to-do-it book. There is much expert information also about selection, planning, planting and care for them under all conditions; 211 pages, **\$2.15** 138 pictures.

There are more Everblooming Roses, at higher prices, on next page, 60.



President Herbert Hoover.



Lucile Rand.

**EVERBLOOMING ROSES—Cont'd.**

1 EACH— 3 for \$2.25 6 for \$4.25 **80c** || # 2 EACH— 3 for \$1.10 6 for \$2.00 **40c**

Autumn A showy new variety with fine small ovoid buds, burnt orange; the opened flowers are medium sized, double, cupped, lasting, slightly fragrant; burnt orange streaked with red. **Charles P. Kilham.** Very double; blazing scarlet-orange.

E. G. Hill One of the latest notable introductions. Long buds, high-centered full double flowers; dazzling scarlet maturing to deeper pure red.

Etoile de Hollande A vigorous, healthy grower and free bloomer, improving year by year (like Radiance). Flowers brilliant crimson-red.

Golden Pernet (Mons. Julien Potin). A magnificent new Rose of perfect full form, liberal in bloom, and sweetly scented. It is a strong one-shade yellow—deep golden yellow, growing richer in tone with maturity. The buds are long, expanding into a flower of large size. (See color page B).

Independence Day. Extreme production, the bush being rarely without a good show of both brilliant orange-pink flowers and flaming copper buds.

Joanna Hill Buds are long-pointed, opening into large, semi-double, long-lasting flowers; clear yellow with orange-yellow heart.

Lady Margaret Stewart. Gorgeously splashed red and orange buds; high-centered flower golden yellow; streaked with orange and velvety red.

Marcia Stanhope. Pure white; a long bud, full flower.

Margaret McGredy Rich oriental red passing to carmine-rose, lasting a long time. Large, free, with mild spicy fragrance.

McGredy's Scarlet Full double flowers of large size and continuous bloom; brilliant scarlet tipped crimson, the base orange-yellow. (See color page B).

Mevrouw G. A. Van Rossem A choice new kind with vivid orange and apricot buds, opening to bronzy yellow flowers strongly shaded copper-pink.

Mrs. A. R. Barraclough. A magnificent rose of great size, freedom, perfect form and vigorous growth. Pure pink, yellow at base; extra fragrant.

Mrs. Henry Bowles Intensely brilliant clear pink, pleasingly modified by lighter salmon-pink. The flower is perfect with fine, firm center; the bloom free, and bush vigorous. (See color page B.)

President Herbert Hoover A glorious new Rose unfolding its broad, thick petals unhurriedly from the beautiful pointed bud. Vivid cerise-pink, softly flamed with yellow, orange and scarlet; this combination most emphatic on the reverse.

Rev. F. Page-Roberts A fine, big, colorful rose, glorious in the cooler days of autumn. A full, shapely flower, golden yellow stained red; the copper-red buds extra long.

Roslyn. Orange buds; full golden yellow flowers, with deeper center.

Talisman The most gorgeous assemblage of colors in one flower ever presented by a rose, exhibited mostly in well defined angular blocks; gold, apricot-yellow, blood-orange, deep pink and old rose. The bud is long and shapely.

Ville de Paris Unadulterated sunflower yellow which holds fast under all weather conditions. In form, character and growth it favors the Radiance type.

Wilhelm Kordez The abundant bloom is golden yellow flushed with orange and copper-red when fresh; but a veritable sunset at the close, with a broken background, and straggling rays of red.

\$1.00 NOVELTY ROSES**Each; 6 for \$5.00 # 1**

Countess Vandal U. S. PLANT PATENT No. 38. (See picture and full description on color page B). Salmon-pink.

Golden Dawn (New). A big, full, sturdy Australian variety. The buds straw-yellow; the perfect flowers sunflower aging to clear lemon-yellow. Very fragrant; very free blooming.

Lucile Rand Bud long-pointed; flower well-formed, large, high-centered, full double, fragrant; lively rose-carmine. A free and continuous bloomer.

Olympiad Magnificent in every way—form, character and color—for cut flower forcing or for garden show. Deep oriental scarlet with golden base, enriched by a velvet luster; superb under artificial light. (See color page B).

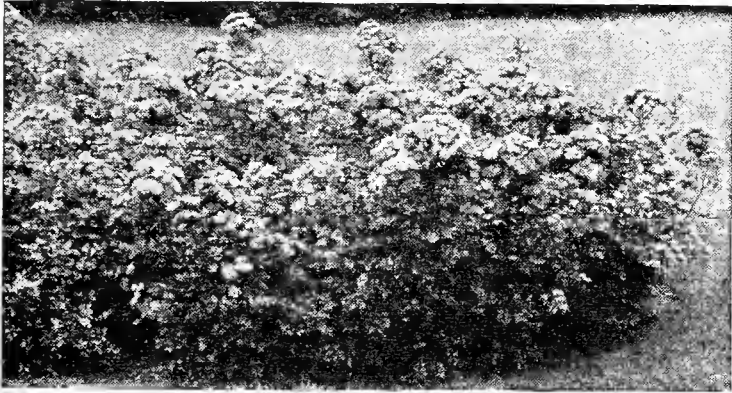
Baby Rambler Roses

Hybrid Polyanthas

CONTINUOUS ALL-SUMMER BLOOM

Called the "Baby" Ramblers on account of their very short, close growth as compared with the long-known trellis climbers, the clustered flowers being identical. As Pot Plants, the varied types make wonderful forced specimens for winter decoration; in summer, their brilliant clusters lay ribbons of color along the garden borders from June till fall. They seldom grow higher than 18 or 24 inches, and spread never over 2 feet. For continuous edging, set 15 to 18 inches apart.

Hedges of the thriftier kinds are now being used extensively, thus combining good low-growing hedge material with a continuous, sparkling show of flowers.



Baby Rambler Rose Bed.

PRICES Postpaid: Each 55c 3 for \$1.50 6 for \$2.75

Crimson Baby Rambler The original of this dwarf group. Border your paths and garden beds with lines of this vivid, long-seasoned, long-lived, deep crimson clustered Rose. SPECIAL 35c each in lots of 25 or more, by express collect.

- Baby Tausendschon.** A prevailing flesh-pink color.
- Erna Teschendorff.** Unfading cardinal-red.
- Golden Salmon.** The flowers are large, semi-double, thickly clustered, red-salmon overlaid orange and gold; light eye.
- Verdun.** Very showy; brilliant cherry-red.
- White Baby Rambler.** Pure white, double flowers.

PRICES Postpaid: Each 70c 3 for \$2.00 6 for \$3.75

Gloria Mundi New. The best and most generally satisfactory of the orange-scarlet Polyanthas; emphatic, clear, uniform, comparatively unfading. Fully double.

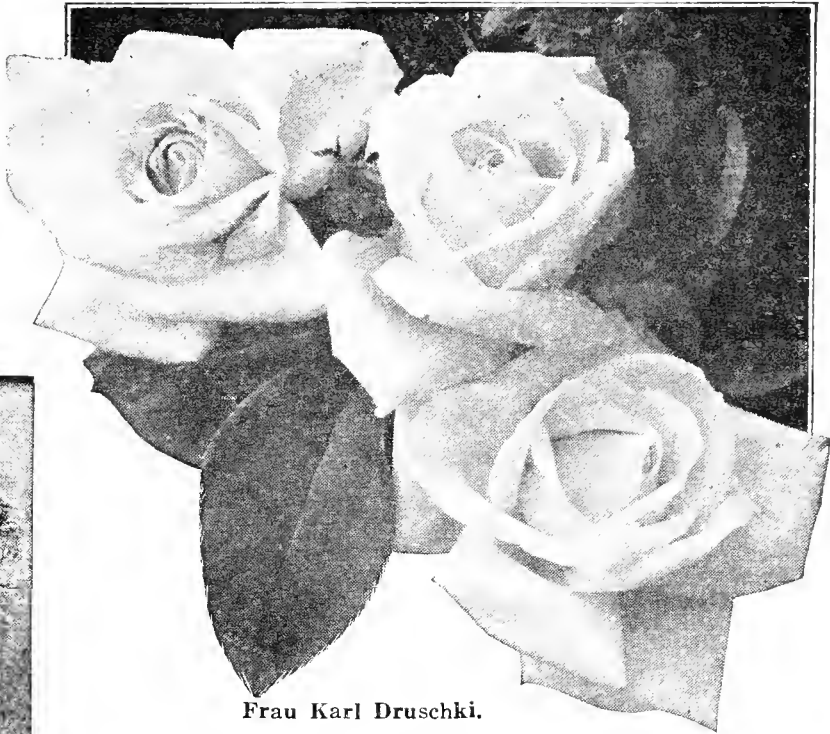
Gruss an Aachen Individual flowers perfect and big enough to rank with the Hybrid Teas; its broad clusters excellent for cutting; Buds orange-red and yellow; scented flowers flesh-pink and salmon-yellow.

Lafayette Loose clusters; its individual flowers 3 inches wide, semi-double and prettily ruffled, strung together in great branching sprays; brilliant cherry-crimson.

Pink Lafayette A beautiful deep rose-pink sport of the above.



New Baby, Gloria Mundi.



Frau Karl Druschki.

Hybrid Perpetual "JUNE ROSES"

Brilliant with perfumed flowers, larger than the Hybrid Tea class. On account of disparity in growth and blooming season, this larger type should not be included in the same rose bed with the Hybrid Teas. Cut back annually to about 8 inches.

1 Each— 50c 3 for \$1.35 ||| # 2 Each— 30c 3 for 80c

- Capt. Hayward.** Velvety carmine-crimson; large.
- Clio.** Satiny blush pink, rose-pink at center.
- Frau Karl Druschki.** Waxy paper-white; its bud, half opened state and maturity are exquisite. Of longer blooming season than the type, yielding its final bouquets under the first fall of snow.
- Gen. Jacqueminot.** Very free bloom, crimson-scarlet.
- George Arends.** Large, perfect; silvered pink.
- Jubilee.** Pure red, shading to crimson and maroon.
- Mrs. J. H. Laing.** Soft, delicate pink, with satin cast.
- Paul Neyron.** Very large, perfect; bright ruddy pink. This variety is notable for long, thick stems without thorns, and normally produces its best flower crop in September.
- Persian Yellow.** Deep golden yellow; semi-double small flowers. This is not cut back like the others and becomes in time the well known yellow door-yard rose bush.
- Soleil d'Or.** Large, full flowers, gold and orange-yellow, varying to ruddy gold suffused nasturtium-red.
- Ulrich Brunner.** Fine form and popular; cherry-red.

Price of MME. A. BARBIER No. 1. Each, 60c; 3 for \$1.65 No. 2. Each, 35c; 3 for 1.00



Paul Neyron (Thornless Rose).

Mme. Albert Barbier

A magnificent new variety of fully double formation, great freedom and extra long blooming season. Pearl-white suffused with blush-pink, the golden apricot glow from base and center richly illuminating.

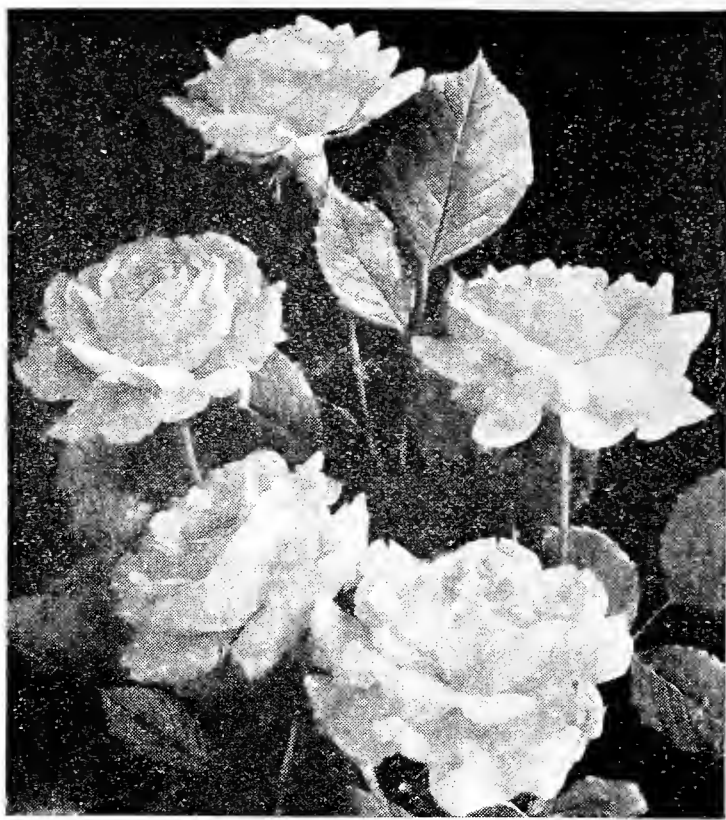
MOSS ROSES

A shrubby type well known to old-time gardens; vigorous, with lustrous foliage. Distinguished by the moss-like covering of the buds.

- Blanche Moreau.** Flowers pure white.
 - Henri Martin.** Glossy pink tinged crimson.
 - Salet.** Late; light rose; large and full.
- 50c each; 3 for \$1.35.



The Cheery Greeting of "American Pillar".



The Sensational Everblooming "Blaze".

Hardy Climbing and "Rambler Roses"

Blaze Everblooming Climber

U. S. Plant Patent No. 10

An important introduction; bringing to pillar and trellis the unusual charm of plentiful clustered bloom, many weeks beyond the accustomed all-too-short limit for climbing roses.

Blaze unites the free all-summer blooming of Gruss

an Teplitz, with the fiery scarlet color of its other parent, Paul's Scarlet.

\$1.50 each, postpaid.

New Dawn

Everblooming Dr. Van Fleet U. S. Plant Patent No. 1

The gracious double form and delicate flesh-pink color of Dr. W. Van Fleet, available for admiration almost continuously on moderate growing vines, from June to October. There is a slight but noticeable fragrance.

\$1.50 each, postpaid.

Climbing Lady Ashtown

Beautiful rose-pink flowers of large size and perfect form. One of the very best successful hardy climbing hybrid tea roses.

75c each, postpaid.

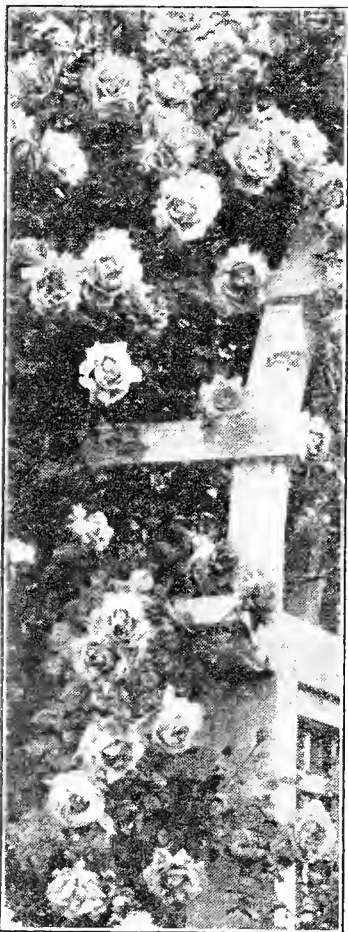
Jacotte Quite distinct in this class; not only fragrant, but is rich in heretofore unknown color shades. The bud is orange-yellow; the 2½-inch flower (clustered up to 10), is light salmon-orange shaded red and yellow. Foliage is very dark green and extra healthy.

75c each, postpaid.

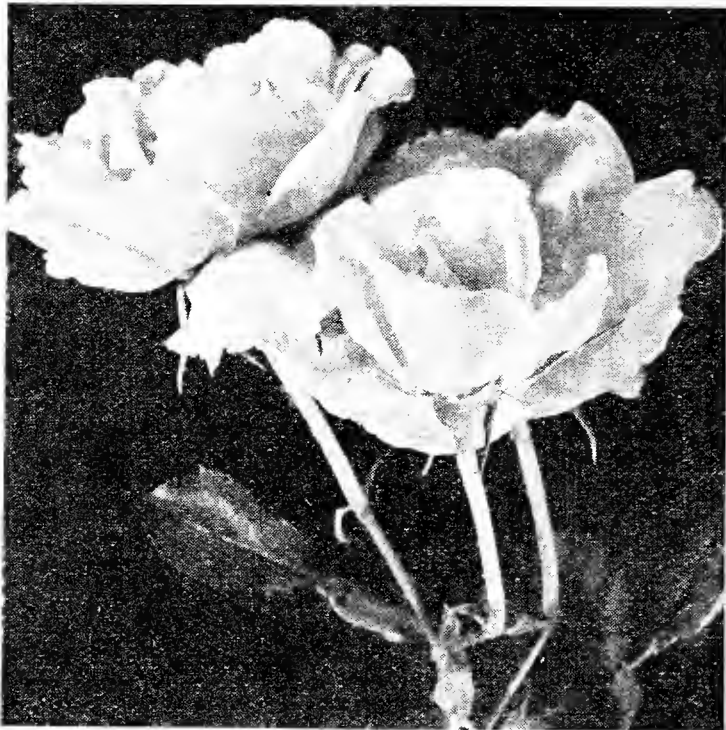
Mme. Gregoire Staechelin

A new Spanish introduction, its flowers solitary, of good size and abundance, with moderate fragrance. Crimson at tip of the long bud, which trails through the unfolding curly petals as carmine on a body color of iridescent pearl-pink. Growth vigorous and branching, up to 12 feet; foliage large and disease resistant.

75c each, postpaid.



Climbing American Beauty.



Mme. Gregoire Staechelin.

PRICE By mail, postpaid, **45c** Each or **\$1.25** 3 for

American Pillar. The single flowers range from 2 to 3 inches in width, arranged in mammoth, evenly rounded clusters. Brilliant carmine-rose, with distinct creamy white sector and yellow stamens at center. A superb arch cover.

Chaplin's Pink Climber Strong growing, with splendid trusses of 8 to 12 flowers. Size and shape of Paul's Scarlet. A lively carmine-pink.

Climbing American Beauty. Bulky, double, solitary flowers, extremely profuse; bright rose red. Strong, quick growing, healthy.

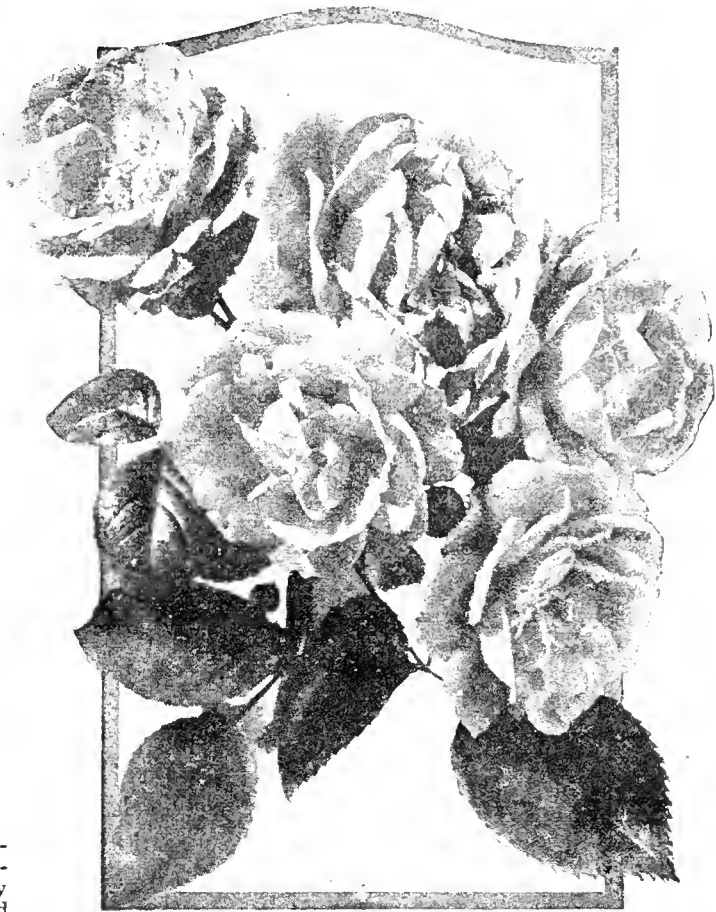
Doctor W. Van Fleet. A mass of beautiful pink buds, which open out into large, shapely, solitary flowers with stems 12 to 18 inches long; delicate flesh-white. Season, 3 weeks.

Dorothy Perkins. The ideal pink rambler; flowers densely quilled and numerous; a beautiful shell-pink.

Excelsa (Red Dorothy Perkins). Radiant, blood-red clusters.



Flower of Fairfield.



Paul's Scarlet Climber.



Silver Moon.

**HARDY CLIMB-
ING ROSES**
—Continued

45¢ Each or **\$1.25**
3 for

Flower of Fairfield. (Im-
proved Crimson Rambler),
commencing to bloom on
the first young red shoots.
Mary Wallace. Although a
fine pillar Rose, it becomes
self-supporting and makes
an ideal door-yard bush.
Semi-double, bright clear
rose-pink with salmon base,
often 4 inches wide, inter-
mittent during the season.

**Paul's Scarlet
Climber** Scarlet, shaded crim-
son, large, semi-
double, holding after many
June blooms have dropped
their petals. Choice.

Primrose. A new
yellow climber—un-
fading light prim-
rose yellow, small
clusters of 2½-inch
flowers; midseason,
long-lasting, free;
healthy dark glossy
foliage.

Silver Moon. Four-
to five-inch, semi-
double flowers; pure
white with thick clusters
of yellow stamens.

Rosa Wichuraiana (Memo-
rial Rose). Especially valu-
able for cemetery planting,
the growth prostrate, ground-
clinging; the foliage small,
dense and shining. Pure
white, single flowers in July.



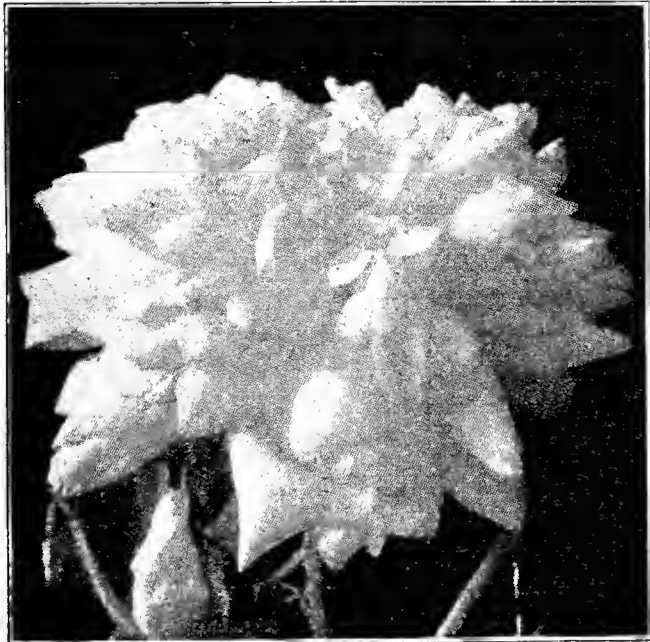
Rosa Hugonis.

**THE "GOLDEN ROSE
of CHINA"**

**Rosa
Hugonis**

A striking, u-
nique, attractive
shrub; at home
in medium sec-
tions of the
landscape
groups, or con-
spicuously inde-
pendent as soli-
tary lawn
clump. Last
year's canes pro-
duce the crop of
bloom, with
clean, healthy
foliage of the
Briar type; but
the new growth
springing abun-
dantly from the roots, is densely clothed in acacia-like leaves and
bristles, all a reddish maroon. A matured bush may attain 6 feet
in height, with corresponding spread. The sparkling buds begin to
swell in April, so that early in May, Hugonis is a shimmering
mound of gold. The flowers are single, flat to cup shaped, with
charming stamen tufts at center; set snugly full length of the
arching canes. Their color is bright and noticeable, ranging from
deep gold to canary.

50¢ each; 3 for \$1.35, postpaid.



Primrose.



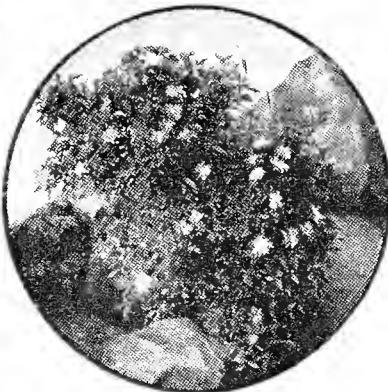
Rosa Rugosa Rubra.

Rosa Rouletti

Swiss Rock Garden Rose

This altogether charming little rose was once popular in the Alpine gardens of Switzerland; but like other favored flowers, disappeared. It has recently regained cultivation, and comes now to us as a welcome addition to our rockery and edging plants. Grows 6 to 7 inches high; dense, small foliage; $\frac{3}{4}$ inch double, rose-pink flowers continuous from early summer until frost.

From pots; 75c each; 3 for \$2.10; 6 for \$4.00.



Rosa Setigera.

RUGOSA ROSES Rosa Rugosa Type and its Hybrids

A valuable perfectly hardy type much used in landscape work, agreeable to location in partial shade; the heavy wood and shrubby formation adapting it to hedges and hardy borders, or to mixed shrubbery groups. The foliage is lustrous, dark green, usually corrugated, and is impervious to attacks of insect pests. Fine landscape subjects.

PRICE Except as noted, **50c** Each; or **\$1.35** 3 for

Amelie Gravereaux.

Medium, double, fragrant flowers in small groups all summer; dark purplish red.

Belle Poitevine.

Every tip laden with pink bouquets.

Conrad Ferdinand Meyer.

Double; delicate silver-pink.

F. J. Grootendorst

Typical foliage and habit, of compactly bushing, moderate growth; blooms in clusters of over-sized, fairly double red flowers resembling the Crimson Baby Rambler.

Pink Grootendorst

Habit and character like above, but the color of the fringed clusters is a clear light shell-pink.

Max Graf. Large, single, shining pink flowers freely produced in season. Plant is prostrate and trailing, with glossy, wrinkled foliage.

Rosa rugosa alba. Pure white.

Rosa rugosa rubra. Flowers deep rose, single or semi-double; followed by showy, very large orange-scarlet fruits. Dwarfier growing than its hybrids.

Postpaid, 35c each; 3 for \$1.00. Special, by express: \$3.00 per 10; \$25.00 per 100.



Pink Grootendorst.

New Hybrid Rugosa Roses

Agnes Newest, and the only Rugosa showing a yellow color. Also sweet scented; with a profusion of early summer flowers extra large for this class. Coppery yellow buds and flowers, maturing to amber-yellow.

Dr. Eckener The newest notable addition to this class, particularly adapted to specimen shrub use, either solitary or grouped. The cup-shaped flowers are of good size, distinct from the others in its delightful color, luminous buff-pink, with golden suffusion.

Both: 70c each; 3 for \$2.00, postpaid.

Native and Shrub Roses

Pretty single flowers, and large, bright-colored berries which cling far into the winter. They are largely utilized for planting among shrubs and to cover waste ground and fences.

PRICE Postpaid, **50c** each, **\$1.35** 3 for **\$2.50** 6 for

Blanda. (Meadow Rose). To 6 feet. Slender, reddish purple branches, almost thornless, with pale green, oval foliage. Bright rose, May-flowers.

Carolina. (Swamp Rose). Hardy in either wet or dry soil. Shrubby growth, pretty pink flowers.

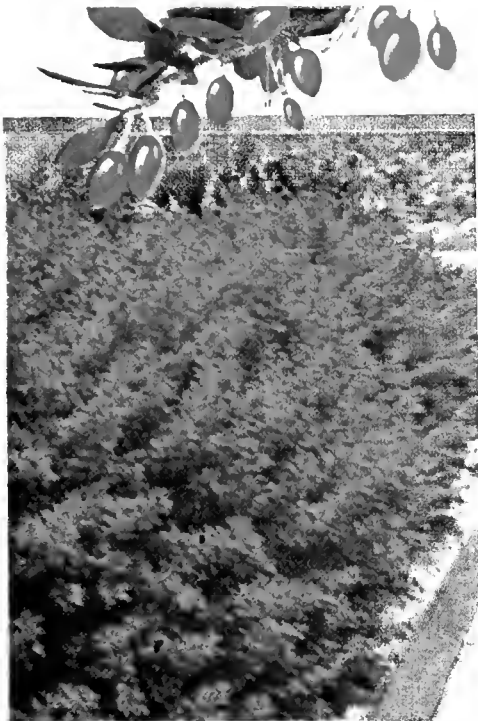
Multiflora japonica (Japanese Rose). A thrifty, rounded bush freely covered with clustered, small, very double flowers; intermingled petals of shell-pink and white.

Rubrifolia (Redleaf Rose). An attractive, shrubby bush type furnishing valuable foliage display of dark bronzed leaves. When in bloom, it is brightly spangled with a profusion of small single rose-pink flowers.

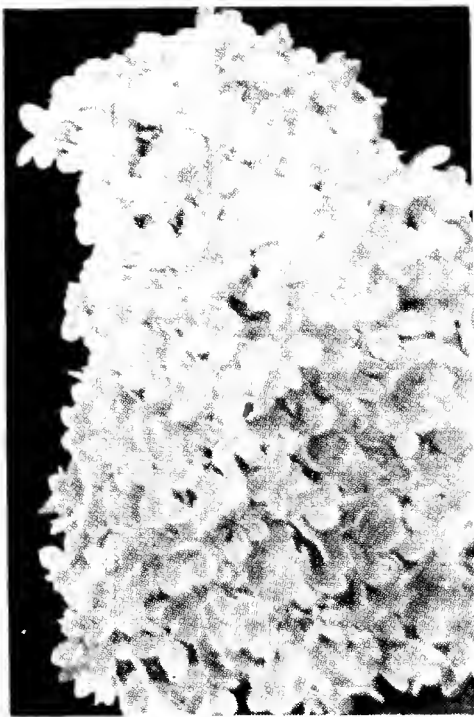
Setigera (Prairie Rose). Useful for massing in picturesque hillside brambles; as borders to wildwood drives; as filling for dead corners; and with equal harmony, as a congenial mixer with shrubs and in single specimens. Setigera is a good fence and trellis climber, or occasional clipping will make a satisfactory bush. Large single flowers of rose-pink.

SWEET BRIAR

Rubiginosa. A shrubby type with fragrant foliage, and charming light pink, single flowers. 70c each; 3 for \$2.00, postpaid.



RED BARBERRY. Page 65.



HYDRANGEA P. G. Page 67.



PURPLE LILAC (Vulgaris). Page 68.



SPIREA ANTHONY WATERER. Page 70

POPULAR

LANDSCAPE SHRUBS

COLLECTION OFFERS

	EXPRESS Collect	BY MAIL Postpaid
<i>For foreground</i>		
1 Red Barberry	12-15"	Mail Size
1 Spirea A. W.	15-18"	Mail Size
1 Azalea Mollis	12-15"	Mail Size
1 Hydrangea P. G.	18-24"	Mail Size
<i>For background</i>		
1 Purple Lilac (vulgaris)	2-3'	Mail Size
1 Philadelphus Virginal	2-3'	Mail Size
1 Forsythia Spectabilis	2-3'	Mail Size
1 Weigela Floribunda	18-24"	Mail Size
8 Shrubs for	\$3.25	\$2.25
<i>State which offer— Express or Mail</i>		



PHILADELPHUS VIRGINAL. Page 68.



AZALEA MOLLIS. Page 74

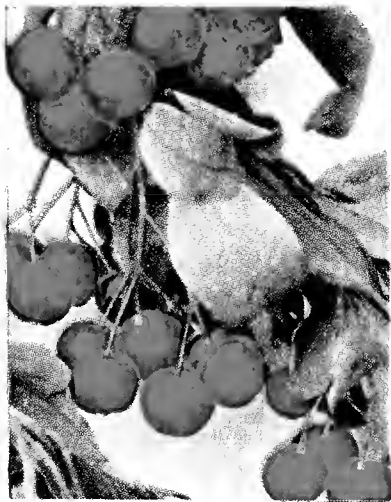


FORSYTHIA SPECTABILIS. Page 67



WEIGELA FLORIBUNDA. Page 72.

The Fruiting Episode of Certain CHOICE Shrubs and Trees



RED CHOKEBERRY.
(*Aronia arbutifolia*. Page 65.)



RUSSIAN OLIVE.
(*Elaeagnus angustifolia*. Page 79.)



HONEYSUCKLE.
(*Lonicera tatarica rubra*. Page 67.)



FRAGRANT SUMAC.
(*Rhus aromatica*. Page 69.)



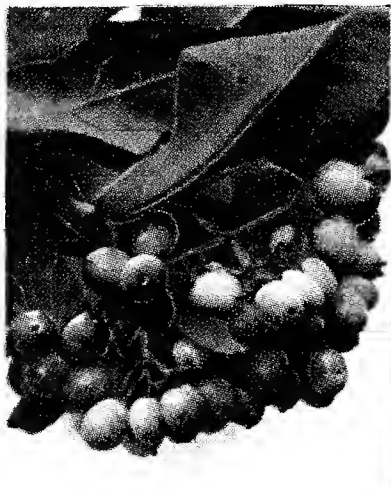
BUCKTHORN.
(*Rhamnus cathartica*. Page 69.)



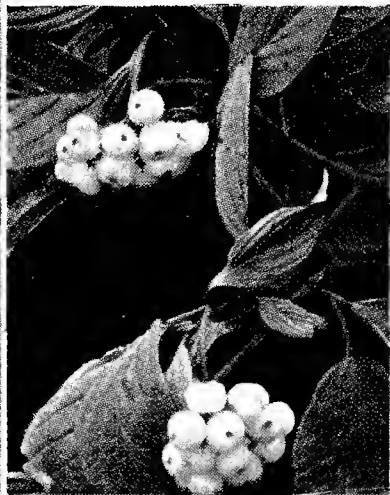
EUROPEAN MOUNTAIN ASH.
(*Sorbus aucuparia*. Page 78.)



WINTERBERRY.
(*Ilex verticillata*. Page 67.)



WITHE ROD.
(*Viburnum cassinoides*. Page 71.)



CORAL DOGWOOD.
(*Cornus sibirica alba*. Page 66.)



CORALBERRY.
(*Symphoricarpos vulgaris*. Page 69.)



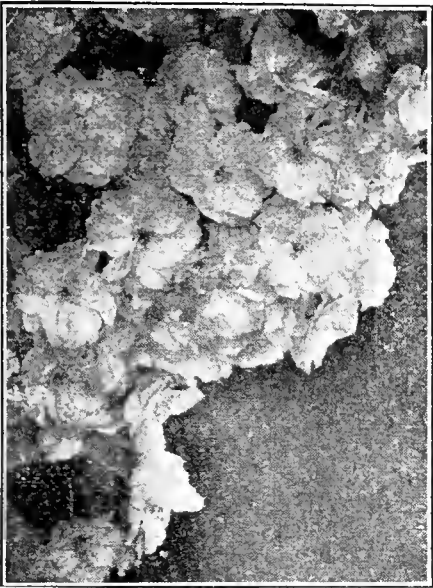
SWEET BAY.
(*Magnolia glauca*. Page 78.)



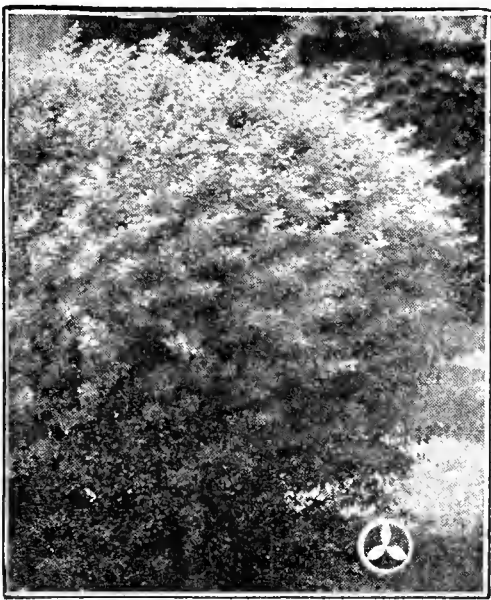
SNOWBERRY.
(*Symphoricarpos racemosus*. Page 69.)



AMERICAN CRANBERRY.
(*Viburnum americanum*. Page 71.)



Flowering Almond.



Barberry Thunbergi.



Rose of Sharon.

HARDY ORNAMENTAL SHRUBS

Sent by Express or Freight, charges collect. 6 at dozen rate; 25 at 100 rate; 250 at 1000 rate, if listed.

ALMOND. Early spring flowering shrubs, gaily in full bloom before the leaves appear, with beautiful, double flowers of rose or white, snuggling tight to the twigs.

Double Pink. 1½ to 2 feet, 40c. 2 to 3 feet, 55c.

ALTHEA (Rose of Sharon). Bloom late in August and September, with a profusion of large and brightly colored flowers much like the tender Hibiscus in form.

—**Double Rose, Double White, Double Purple, and Double Red.**

Bush Form—1½ to 2 feet, 30c each; 6 for \$1.50.

2 to 3 feet, 40c each; 6 for 2.00.

Tree Shape—3 to 4 feet, 50c each; 3 for 1.35.

—**Variegated Leaved.** This is one of the handsomest variegated leaved shrubs that grows. The Althea foliage is always attractive, but nothing else can equal its charm when broadly blotched and banded with cream and silver; the flat, red flower-buds conspicuous.

2 to 3 feet, 40c each; 3 for \$1.10.

ARALIA, Five-Leaved (A. pentaphylla). Long, slender, gracefully arching branches; a rich, shiny, dark green. Unique among shrubs, in that it does not change color; thus adding another striking color to autumn foliage. The compound leaves are made up of five to seven distinct leaflets, like spread fingers on a hand. Tinted white flowers in long umbels. Valuable for medium to tall hedges as well as individual specimens.

2 to 3 feet, 40c each; \$4.00 per doz.; 25 for \$6.25.

ARONIA arbutifolia (Red Chokeberry). Upright to 6 feet; very pretty in April and May with an abundance of white flowers; its fall foliage and fruits a bright red, carrying well into winter. Useful in damp locations.

1½ to 2 feet, 45c each; 3 for \$1.20.

AZALEA mollis. See Evergreen Shrubs, page 74.

CALLICARPA purpurea (Beauty Berry). A pretty shrub from 1 to 4 feet, more at home south of the Ohio, but practical in the North if given a sheltered position and winter protection. It blooms profusely during August with small axillary clusters of pink flowers, these followed by berry-bunches colored a light violet. If top should freeze, young shoots will come up and flower and fruit the next season.

1½ to 2 feet, 35c each; 3 for \$1.00.

CALYCANTHUS (Strawberry Shrub). A unique shrub growing upright to 6 feet, clothing its straight, strong reddish brown shoots with large glossy leaves, from the axils of which spring odd, double, spicily fragrant flowers of chocolate-red. 1½ to 2 feet, 30c each; 3 for 85c.

CARYOPTERIS mastacanthus (Blue Spirea). A fine shrubby border plant growing about 3 feet high; from September until frost, covered full length of the stems with attractive umbels of lavender-blue. Not entirely hardy in the North; should be protected. 2 year, 35c each; 3 for \$1.00.

CLETHRA alnifolia (Sweet Pepper Bush). A handsome dwarf shrub, delightfully fragrant in August and September when covered with long showy wands of creamy white flowers. 1½ to 2 feet, 40c each; 3 for \$1.10.

CYDONIA Japonica (Japan Quince). Scarlet flowers early in spring followed by small, quince-shaped fruits which are quite fragrant. The foliage is dark and shiny; growth bushy and dense; for medium filling, or pruned foreground. 1½ to 2 feet, 40c each; 3 for \$1.10.

BARBERRY [Berberis]

JAPAN BARBERRY (Thunbergi). The ideal low hedge plant—hardy, tough, impervious; of dense growth; adapted to shearing. Daintily small and profuse foliage, beautiful alike in summer greens and autumnal crimson. The plentiful racemes of red fruit are resplendent on winter-bared branches. It is customary to set the plants about 12 to 15 inches apart for a tight hedge, but 2 feet is close enough where individual expression is desired.

12 to 15 inches	.....	\$1.75	\$10.00	\$ 80.00
15 to 18 inches	.....	2.00	12.00	100.00
18 to 24 inches	.....	2.50	17.00	140.00

RED LEAF BARBERRY (Atropurpurea). A brilliant accent shrub as solitary specimen or in a close group amidst duller foliage. An exact reproduction of Thunbergi in every respect except color; this variety starting off in its first foliage a warm bronzy red; the heat of summer intensifying its red brilliancy; autumn adding other tints to its richness. The abundant scarlet berries persist throughout winter along the dense network of spiny twigs. A sunny exposure is necessary for color. (See color page E).

		Each	12	100
12 to 15 inches	.....	\$0.22	\$2.00	\$12.00
15 to 18 inches	.....	.25	2.40	16.00
18 to 24 inches	.....	.35	3.50	22.00

BOX-BARBERRY (B. compacta). An improved Thunbergi type, its foliage so round and dense, and its growth so evenly compact, it bears a striking resemblance to Boxwood. Slower and lower growing than Thunbergi, its density allows closer trimming, so that sheared specimens may be trained into any shape.

		Each	12	100
9 to 12 inches	.....	\$0.25	\$2.40	\$16.00
12 to 15 inches	.....	.35	3.50	22.00

BUDDLEIA "BUTTERFLY BUSH"

Also "Summer Lilac"

Of quick bushy growth; when the lovely bloom-spikes appear in July, the shrub, which had probably died down nearly to the ground during winter, is now a perfect, well-branched specimen of about 5 feet; radiating a delightful perfume and glowing with tints and shape of the spring Lilacs.

MAGNIFICA. This variety is one of the hardiest for all sections. Flower spikes 10 inches in length by 3 inches in diameter are not unusual. Color deep violet-rose, or lavender with a pronounced orange center; the margins of petals neatly reflexed. 2-yr., 30c each; 3 for 85c.

ILE DE FRANCE (New)

(See back cover).

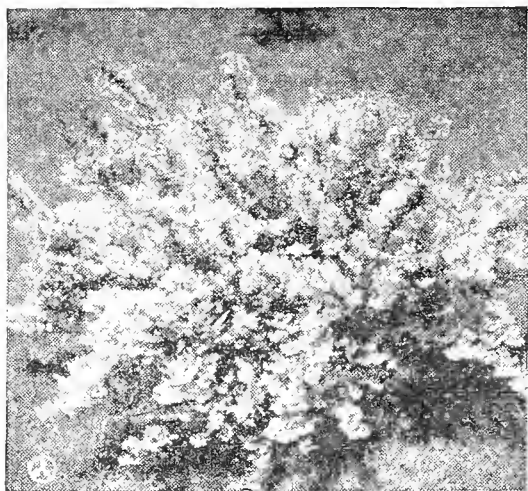
A sensational new variety, of more uniform moderate growth, and greater brilliance of color in the bloom. Thick flower spikes 6 to 9 inches long, sweetly fragrant; rosy purple with a deep violet suffusion.

2-yr., 65c each; 3 for \$1.75.

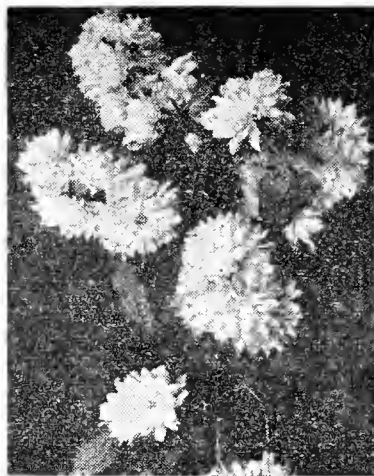


Butterfly Bush.


See inside back cover for TWO NEW BARBERRIES—
"Evergreen Barberry," and "Truehedge Columnberry."



Deutzia Gracilis.



Deutzia Magnificata.

 Pride
of
Rochester.


CORNUS [Bush Dogwood]

The shrubby Dogwoods are mainly valuable for the brilliancy of their bark and berries, and variegated foliage. All varieties do well in shade. Much used for an expanse of green foliage, the fall fruits calling a welcome assemblage of birds; and the tangled mass of highly colored twigs enlivening the prevailing somberness of shrubbery in winter.

Elegantissima variegata. Purplish red branches and beautiful silver variegated foliage. This is one of the choicest variegated-leaved shrubs, capable of refined compact shape by pruning, of value both summer and winter. 2 to 3 feet, 40c each; 3 for \$1.10. 3 to 4 feet, 50c each; 3 for \$1.35.

Lutea. A striking yellow branched form of *Stolonifera*, very satisfactory for contrasting. 1½ to 2 ft., 30c each; 3 for 85c.

Paniculata (Gray Dogwood). Unusually compact; showing a profusion of good sized white flowers in June. Berries white, on noticeably red stems. Bark and under side of leaves gray. 2 to 3 feet, 40c each; 3 for \$1.10.

Sibirica (Coral Dogwood). A useful "filling" shrub, with clusters of fine white flowers; white berries; stem and branches turning to blood-red in winter. (See color page F). 2 to 3 feet, 40c each; 3 for \$1.10; 6 for \$2.00.

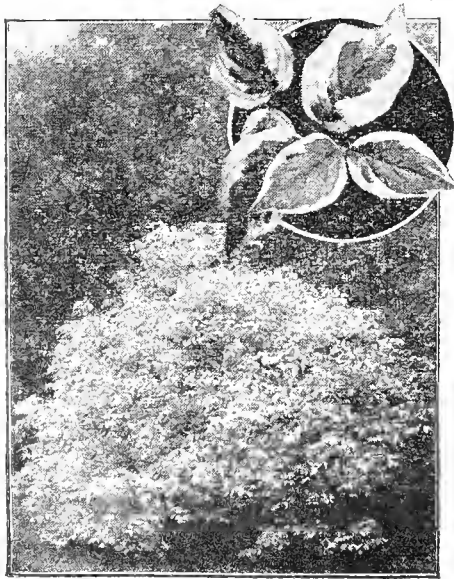
DESMODIUM penduliflorum (Purple Bush Clover). Half-shrub, the long canes of each season's growth usually winter-killed. These stools become stronger, throwing up more shoots and forming a thick shrub 2 to 5 feet high, in showy late summer bloom. Arched branches, with long, close, drooping racemes of liquid purple-magenta pea-like flowers. 2 year, 40c each; 3 for \$1.10.

ELDER [Sambucus]

Although attractive in flower and fruit, they are chiefly grown for their beautiful leaves. Large leaved, broad spread.

Cut-leaved Elder (*S. acutiloba*). Great cymes of delicate white, fragrant flowers in June and July, followed by equal fruit clusters. Beautiful broad fringe-like foliage; the bush rounded and shapely, equally good for solitary specimens and for groups. 2 to 3 feet, 40c each; 3 for \$1.10.

Golden Elder (*S. aurea*). Big broad leaves as yellow as gold; very conspicuous. 2 to 3 feet, 40c each; 3 for \$1.10.



Cornus Elegantissima.



Cornus Sibirica, Coral Dogwood.



Golden Elder.

DEUTZIAS

Shrubs which vary considerably in height and habit, but bloom alike in dainty bell or tassel-shaped flowers, borne thickly in wreaths along their branches in June.

Gracilis (Slender Branch-ed). Dwarf growing, dense, bushy, its drooping branches wreathed with pure white flowers in May.

This is the best type for edging, growing not much over 2 feet high; and standing partial shade very well. Also valuable for winter blooming in pots. 12 to 15 inch, 25c each; \$2.50 per doz.; 25 for \$4.00.

Gracilis rosea. Has same habit as *Gracilis*, but grows slightly taller and has deep rose-colored flowers. 18 inch, 40c each; 3 for \$1.10.

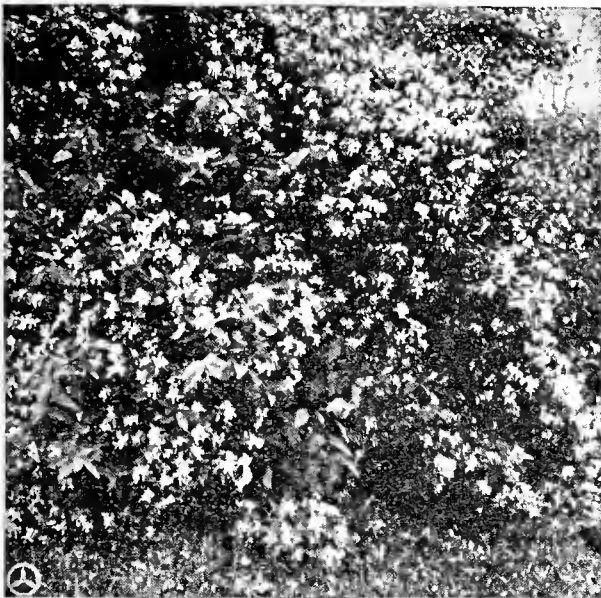
Lemoinei. Large flowers of pure white, borne in cone-shaped heads. The next step-up from *Gracilis*, in height. 18 to 24 inches, 30c each; 3 for 85c.

Magnificata. This is one of the handsomest and most conspicuous of all Deutzias. It grows tall and bushy like *Crenata*, with the largest florets, fullest trusses and most double petalage to be found in the family. 2 to 3 feet, 40c each; 3 for \$1.10.

Pride of Rochester. The best known variety, blooming in May before the others. Flowers large and free, double, white. A little past medium height, but compactly growing. 2 to 3 feet, 40c each; 3 for \$1.10.

EUONYMUS alatus (Winged Burning Bush). A tall shrub, with corky winged branches; a fine shrub for solitary plantings, as well as for massing, the rich red and crimson of its leaves being very showy in autumn. 1½ to 2 feet, 40c. 2 to 3 feet, 50c.

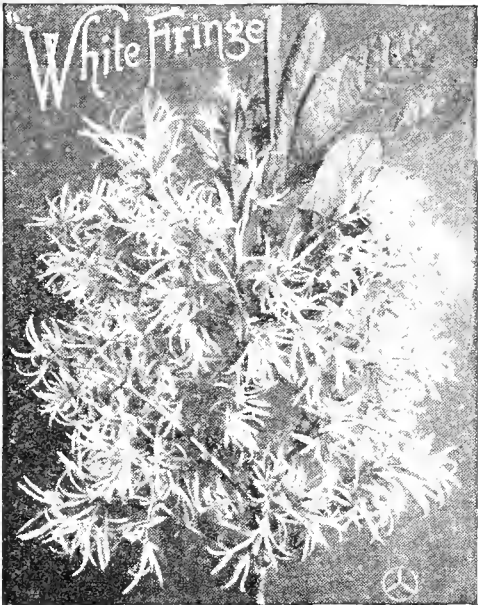
EXOCHORDA grandiflora (Pearl Bush). It grows vigorously; and can be trimmed to any desirable shape. The early buds look like pearls strung on slender threads, May opening them up to long, gleaming sprays of pure white. This is one of the showiest of the white summer-flowering shrubs. 2 to 3 feet, 40c each; 3 for \$1.10.



Pink Tatarian Honeysuckle.



Hydrangea, "Hills of Snow."



Chionanthus Virginica.

FORSYTHIA GOLDEN BELL

Tall and spreading; lighting up the garden with glinting masses of yellow, very early in spring before the leaves appear. The upright forms make excellent tall hedges, and are bright-hued fillers for massed shrub groups. (See illustration on color page E).

Fortunei. Similar in bloom to the variety *Suspensa*, but it is thicker, of upright growth, and tallest of the group.

Spectabilis. Broad, heavy flowers.

Suspensa. Very long, slender, incurving branches, adapted to arches and trellises, as well as foreground filling.

PRICE All Varieties.
2 to 3 feet, 40c each;
3 for \$1.10; 6 for \$2.00.

FRINGE

Purple (Smoke Bush; *Rhus cotinus*). A conspicuous spreading shrub or small tree with large round leaves; overhung in midsummer by mistlike clouds of tiny flowers. These billowing panicles are a light lavender when fresh, very persistent, and give the impression of smoke at a distance.

	Each	3
1½ to 2 feet	\$0.50	\$1.35
2 to 3 feet .....	.65	1.75

White (*Chionanthus virginica*). A very showy shrub, growing to large size; with large leathery, shiny leaves, and lacelike white flowers borne in gracefully drooping panicles. Although tree-like in character, the branches and heavy foliage are usually well furnished close to the ground, making a broad and rounded bush of noble proportions.

	Each
1½ to 2 feet	\$0.60
2 to 3 feet .....	.75

HALESIA tetraptera (Silver Bell). A little tree or large shrub, with large, dark green leaves. In May while the leaves are yet small, its branches are hung thickly with white or pinkish drooping bells about an inch long, followed by large and curious winged seeds. 2 to 3 feet, 40c.

HYPERICUM aureum (Gold Flower). 3 feet. Woody, stiff, dense, top often globular like a little tree. Leaves leathery, bluish green. Flowers in cymes, yellow with golden filaments at center. 1½ to 2 feet, 40c each; 3 for \$1.10.

ILEX verticillata (Winterberry). Small June flowers and darkly lustrous foliage, with sparkling masses of crimson fruits in October, which last far into winter. (See color page F). 1½ to 2 feet, 40c each.

HONEYSUCKLES

BUSH LONICERA

Starry flowers followed by bright berries that last through the fall. Make bulky screening hedges, groups or specimens.

Japanese (*Lonicera Morrowi*). A rounded, spreading variety; blooms early in spring with creamy white flowers; later brilliant with a vast expanse of crimson fruit.

Pink Tatarian. Largest rose-pink flowers in abundance, and fresh green, rounded foliage; the most noticeable.

Red Tatarian. Light crimson flowers in early summer; abundant red fruits. See color page F.

White Tatarian. White to creamy white flowers; fairly upright growth.

Winter (*Lonicera fragrantissima*). Early pink and white fragrant flowers; lustrous oval foliage retained all winter if somewhat sheltered.

PRICE All above varieties:
1½ to 2 ft., 30c each; 3 for 85c.
2 to 3 ft., 40c each; 3 for \$1.10.

Blue Leaf (*Lonicera Korolkowi*). (See back cover). Small, narrow, but numerous bluish green leaves on slender arching stems. The flowers are a pretty light coral-pink followed by bright red fruits; one of the most attractive.

	Each	3
1½ to 2 feet	\$0.40	\$1.10
2 to 3 feet .....	.50	1.35

HYDRANGEA

Arborescens grandiflora ("Hills of Snow"). The flowers are similar to the familiar "Snowball"; pure white drying to bronze, remaining on the bush. July to September.

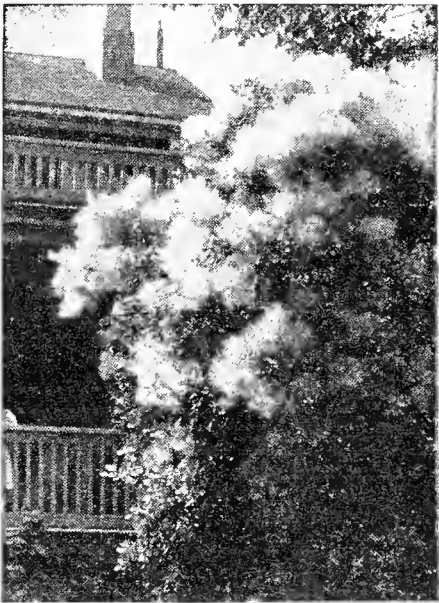
Paniculata grandiflora. Large beds, or units used as punctuation points, and kept at a uniform development, are extremely showy; first snowy white, then pink, then reddish bronze and green. August till autumn. (See color page E).

	Each	6
1½ to 2 feet	\$0.30	\$1.50
2 to 3 feet .....	.40	2.00

Tree Shaped (P. G.). Very desirable in formal lines and backgrounds, or solitary. The spreading head of green leaves and flower wands are all up above the straight bare trunk, thus allowing a close planting of dwarf shrubs beneath. 2½ to 3 feet, 65c each; 3 for \$1.75.

KERRIA

Japonica. A handsome shrub, both leaves and stems bright green, growing 4 to 5 feet. Graceful, slender, drooping branches, painted with a wealth of rich dark yellow single flowers in June, and to some extent all summer. 2 to 3 feet, 75c.

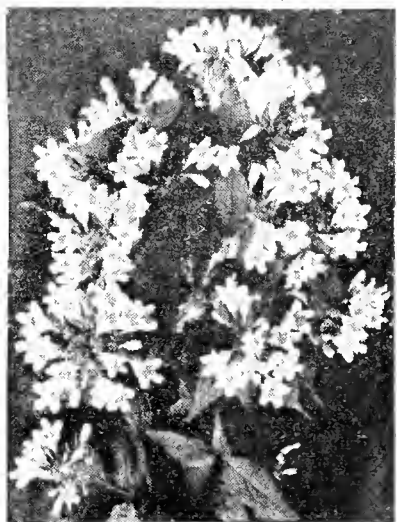


Purple Fringe.

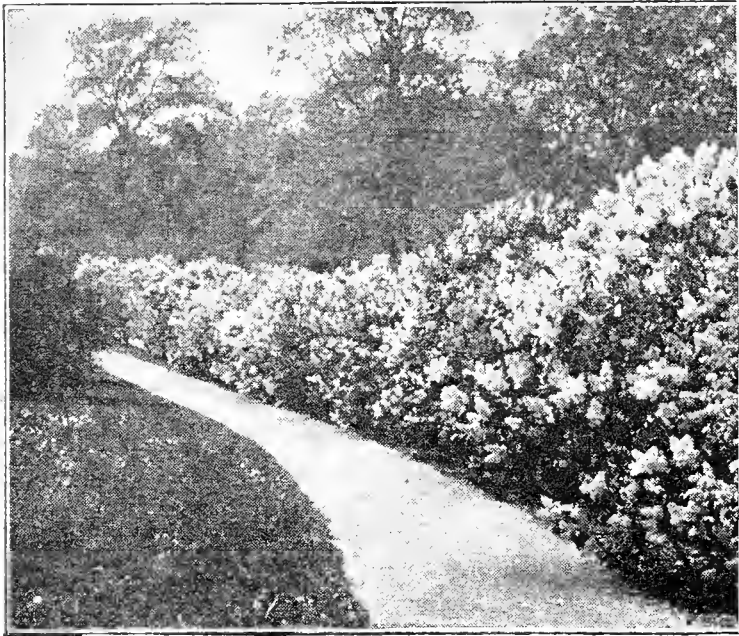
KOLKOWITZIA BEAUTY BUSH

Amabilis. A charming new shrub, with attractive leaves and gracefully arching branches. The beautiful flowers appear in great profusion during June, in pairs which cluster closely into cymes of about twenty-five; bell-shaped and somewhat lipped, pale pink with orange veins in the throat.

	Each	3
1½ to 2 feet	\$0.40	\$1.10
2 to 3 feet .....	.50	1.35



Flowers of Beauty Bush.



Lilac Hedge.

LILACS [Syringa]

Vulgaris Purple. Most suitable for tall hedges and in shade. (Illustrated on color page E). 2 to 3 ft., 30c each; 6 for \$1.50; 25 for \$5.00.

Vulgaris White. Tall, slender and fragrant.

Josikaea (Hungarian Lilac). Erect growth, dark shining leaves; purple flowers in June.

Persian Purple. Medium growing with slender branches and narrow leaves; a choice foundation subject. The extremely free bloom matures bright pink.

Villosa. Dwarf growth; broad leaved; pinkish lilac flowers in long loose panicles.

French Named Lilacs Perfected flower types, in form,

color and size. We offer a fine assortment of named kinds (following), bush shaped, all colors.

	Each	6
2 to 3 feet	\$0.60	\$3.25
3 to 4 feet	.75	4.00

- Alphonse Lavallee (D).** Broad panicles, violet-blue.
- Belle de Nancy (D).** Great panicles of satiny rose-white.
- Charles X (S).** Fine clusters of lilac flowers, slightly violet.
- Gloire de Lorraine (S).** Dwarf. Splendid large trusses; crimson-pink in the bud, opening out to clear mauve.
- Jacques Calot (S).** Violaceous red at first, maturing to delicate rose-pink.
- La Tour d'Auvergne (D).** Of notable strong growth; flowers large, violet-purple.
- Michael Buchner (D).** Dwarf and stocky. Delicately beautiful trusses of pale lilac color.
- Mme. Abel Chatenay (D).** Beautiful globular buds like Lily-of-the-Valley, reluctantly opening up; snow white.
- Negro.** Single. Loosely built, long panicles with deep tube and wide bells; heavy violet overcast with wine-red.
- Obelisque (D).** Full, compact clusters; pure white.
- President Carnot (D).** Distinctly separate narrow petals in wide-open flowers; pale blue and white, in large clusters of alternating open flower, and deep toned damask bud.
- President Grevy (D).** Slender tube and scapes of rosy mauve, the open face a prettily contrasting bright blue.
- Souv. de Ludwig Spaeth.** Single. Darkest of the blues—a deep purplish shade—in long panicles.
- Vivian-Morel (D).** Intermingled blue and white petals, reverse deep purplish rose.

NEW FRENCH LILACS

Ellen Willmott (D). Very large, heavy spikes; flowers of perfect form; purest white.

Montaigne (D). Very large clusters; pinkish mauve.

Olivier de Serres (S). Immense panicles on strong stems; tender lilac-blue; very free.

Pres. Loubet (S. D.). Red-violet buds, tinging the bright blue of the opened flowers.

Reaumur (S). Heavy trusses, the petals continuously incurved; indigo-blue, tube and reverse carmine-rose.

Violetta (S). Dusky violet-blue; in inch-wide, 8-petaled florets.

PRICE 2 to 3 feet, 75c each; 6 for \$4.00.
3 to 4 feet, 90c each; 6 for 5.00.

PHILADELPHUS [Mock Orange]

One of the best shrubs, the taller growing sorts largely used for hedges. The flowers are very profuse, similar to strawberry blossoms but larger, white with usual creamy tinge and prominent yellow stamens; mostly fragrant.

Aureus (Golden Syringa). Valuable for contrastive grouping, the best medium golden leaved shrub.

	Each	3
15 to 18 inches	\$0.30	\$0.85
18 to 24 inches	.40	1.10

Bouquet Blanc. Close set bunches of double flowers; each branch a veritable bouquet; one of the best types for medium height hedges, corresponding in effect with the well known utility of Spirea Van Houttei.

Coronarius. Blooms in May, in very graceful sprays; tall, slightly scented. This variety is most used for backgrounds and hedges requiring screening height.

Glacier. The flowers are double, snow white, produced in thick clusters of eight or more, giving the effect of one enormous double flower. Medium height, suitable for the front row of shrub groups.

Lemoinei erectus. Erect, fine leaved, slender stemmed, about 4 to 5 feet high. Creamy white flowers in June, with a distinct permeating fragrance. Good either for foreground or interior of a medium group.

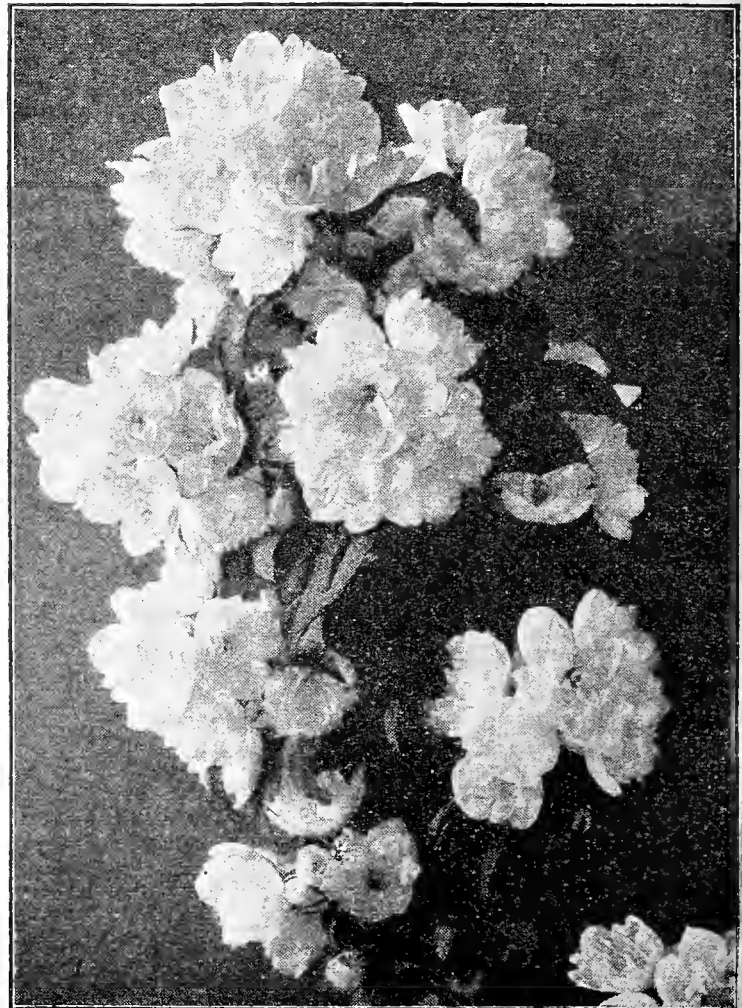
Norma. The single flowers are of great individual size, strung freely along full length of upright stems; white with pale gold stamens. This is the most slender of the group, corresponding in effect to the Flowering Cherry Amanogawa among the trees.

Virginal The bush grows moderately tall, with good foliage and compact habit. The flowers are the largest, handsomest, most sweetly fragrant, and with longest blooming season, of any known variety. You will now find it occupying more corners in front of porches and house foundations than any other shrub; its character, persistent bloom and exquisite scent adapting it to that purpose. An interesting feature is that there may be single, semi-double and fully double florets on the same panicle. Also, after the first grand floral display, the bush is seldom thereafter without some show of bloom.

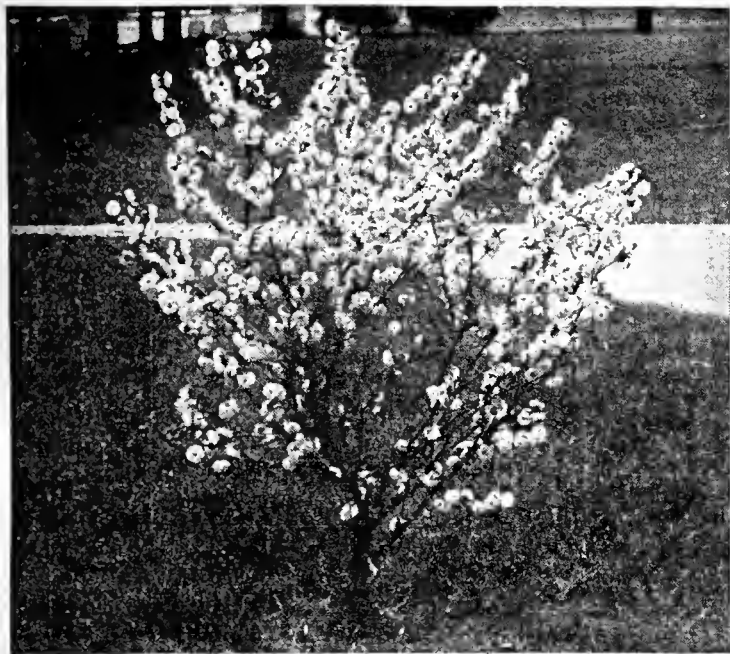
	Each	6
1½ to 2 feet	\$0.30	\$1.50
2 to 3 feet	.40	2.00



Montaigne.



Philadelphus Virginal.



Prunus Triloba—Double-Flowered Plum.

PRIVET [Ligustrum]

Privets are our best hedge plants, and make richly green foliage backgrounds against foundation walls. Almost evergreen, of dense compact habit; useful in shaded places. To plant a single row, set them 6, 8 or 12 inches apart; for a double row, about 18 inches apart each way and alternately. Cut them back severely when planting. Hedges should be sheared two or three times during the season. More and more, the various types are being used as regular shrubs in groups to obtain the benefit of their persistent green foliage, and for the rather charming flower-panicles, and fragrance.

PRICES:

Amurense, Ibota and Ibolium—	12	100	1000
12 to 18 inches	\$1.00	\$ 6.00	\$45.00
1½ to 2 feet	1.50	7.50	60.00
2 to 3 feet	2.00	10.00	75.00

California—

12 to 18 inches	.85	4.00	32.50
1½ to 2 feet	1.25	6.00	45.00
2 to 3 feet	1.50	8.00	65.00

Golden Variegated—

15 to 18 inches	2.50	16.00	
18 to 24 inches	3.25	22.00	

Regel's—

12 to 18 inches	1.75	10.00	
1½ to 2 feet	2.25	14.00	
2 to 2½ feet	3.00	18.00	

Amoor River (L. amurense). A hardy northern grown type, vigorously upright and tall growing. The leaves are dark.

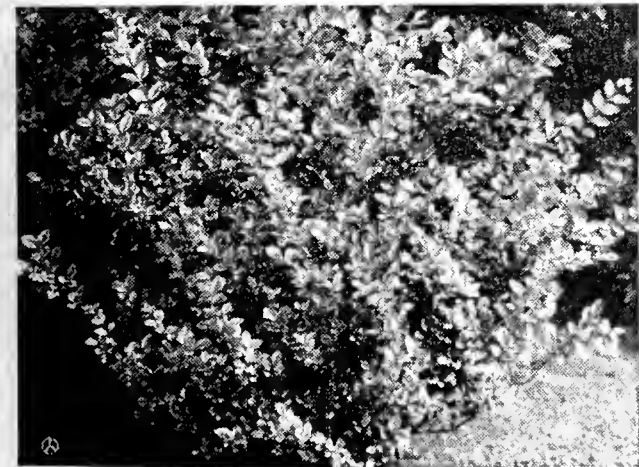
California (L. ovalifolium). Quick growing, straight, densely clothed shoots; the foliage in precise arrangement, a dark shiny green; most used where hardy.

Ibolium. A hybrid of Ibota and Ovalifolium, with lustrous foliage; remarkably sturdy and cold-resistant. Replaces Ovalifolium in general use throughout the middle west.

Japanese (L. ibota). Makes up into striking tall clumps, or informal screening hedges, with widespread curving branches; very vigorous and hardy; grayish green.

Regel's (L. Regelianum). A strong, very hardy type, with dark and shiny leaves. The branches are stiff and horizontally spreading, gracefully drooping at the ends.

Golden Variegated. Similar to California, but creamy white and yellow over two-thirds of the leaf. May be used to advantage in landscaping, as a bright variegation.



Golden Variegated Privet.

PRUNUS [Flowering Plum]

Cistena (Purple Leaf Sandcherry). Dwarfier than the other purple plum varieties, more compact, with glossier leaves and much more red in its purple color. (See illustration on back cover). Each

2 to 3 feet	Each	\$0.60
3 to 4 feet		.75

Newport. A new purple-leaved Plum of greater refinement and slower growth, the leaves smoother and more richly colored; at first strongly reddened, maturing to a still redder tinge in the deep bronze-purple of late summer. Flowers rosy white, ornamental fruits magenta-red. Each

3 to 4 feet	Each	\$0.50
4 to 5 feet		.65

Triloba (Double Flowered Plum). Very early in spring, before its leaves appear, the small tree is decked in a fleecy cloud of very double light pink blossoms. Each

2 to 3 feet	Each	\$0.55
3 to 4 feet		.70

RHAMNUS cathartica (Buckthorn). A dense, twiggy bush for backgrounds, with dark foliage relieved by masses of midsummer white flowers followed by red to black berries. Buckthorn is most commonly used, however, as a medium height, pruned, both ornamental and protective hedge. (See color page F). Each 6 25

2 to 3 feet	\$0.30	\$1.50	\$4.50
3 to 4 feet	.40	2.00	6.25

RHODOTYPOS kerrioides (White Kerria). An attractive shrub 3 to 6 feet high, with beautiful yellowish green corrugated foliage and large, single white flowers late in May, black seeds following. A good shrub for semi-shade. Each 3

1½ to 2 feet	\$0.30	\$0.85
2 to 3 feet	.40	1.10

RHUS [Sumac]

Picturesque, gnarly, wind-bent rows of Sumac blazing redly in autumn with both painted leaves and gorgeous fruits, are familiar landmarks in every country side. (See color page F).

Aromatica (Fragrant Sumac). Grows 2 to 4 feet tall; flowers yellow, in clusters along the stems, followed by red berries in June. Leaves color to brilliant scarlet.

Typhina (Staghorn Sumac). Picturesque and rugged. Grows quite tall. Its flowers are borne during June and July in dense terminal panicles, followed by impressive red fruits.

Typhina laciniata (Cut-Leaved Sumac). Similar to foregoing except its leaves are deeply cleft, which, if bush is pruned, mingles the various angled fronds in a delightful "ferny" effect.

ALL SUMACS. 2 to 3 feet, 40c each; 3 for \$1.10.

SNOWBERRY (Symphoricarpos)

Valuable shrubs, 3 to 5 feet, highly valued for use in densely shaded situations and for the striking beauty of their leaves and bright, persistent fruits. (See color page F).

Snowberry (S. racemosus). Inconspicuous, rose-colored flowers in June and July, followed by large, round, clustered, milk-white fruits which remain far into winter. The leaves are oval and glaucous green.

Coralberry (S. Chenaulti). Also called "Red Snowberry", and "Indian Currant." Similar to Snowberry except that its long, slender fruits are bright coral-red, clustering in thick ropes along the weighted-down stems; also, the smaller leaves are dark.

Both Kinds:	Each	6
1½ to 2 feet	\$0.30	\$1.50
2 to 3 feet	.40	2.00

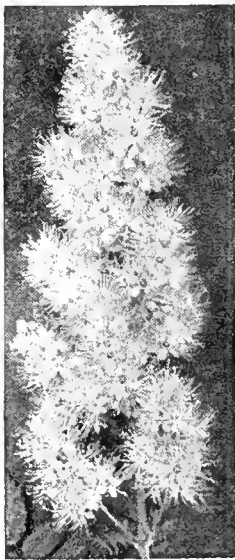
SORBARIA

Handsome soft-wooded shrubs of quick development; partial to rich, moist soil and moderate shade. In dryer soil not heavily fertilized, they make fine subjects for foundation screens, or medium height backgrounds for dwarfier shrubs.

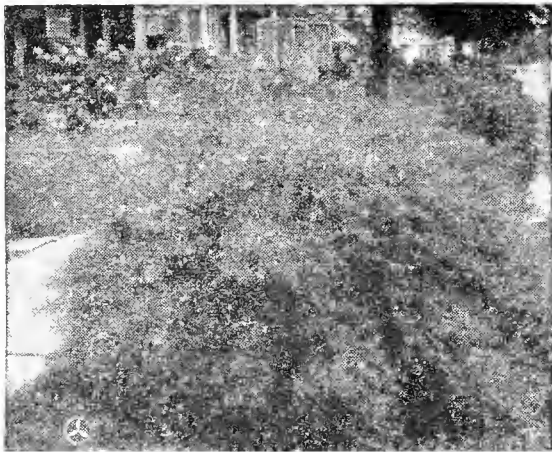
Aitchisoni. Upright, with many arching branches and fresh green leaves like the mountain ash. Profuse bloom, June-July, in long feathery panicles, pure white. 2 to 3 feet, 40c each; 3 for \$1.10.



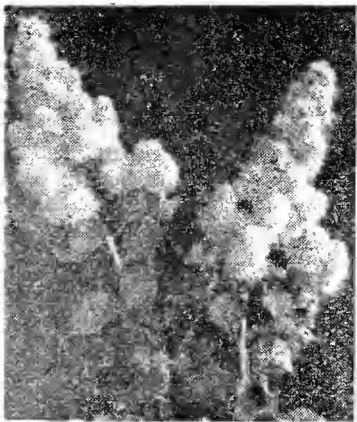
Cut Leaved Sumac.



Sorbaria.



Spirea Thunbergi.



Spirea Billiardi.



Spirea Van Houtte.

SPIREA

The most varied in form, growth, character and bloom of any shrub family, no two kinds alike.

DWARF FORMS—2 to 3 Feet.

Anthony Waterer. See color illustration among other shrubs on color page E. Beautiful dark small foliage; dense rounded growth; and large, brilliant rosy crimson corymbs, at its best in midsummer. More of this variety is used for foundation plantings and low borders, than any other dwarf.

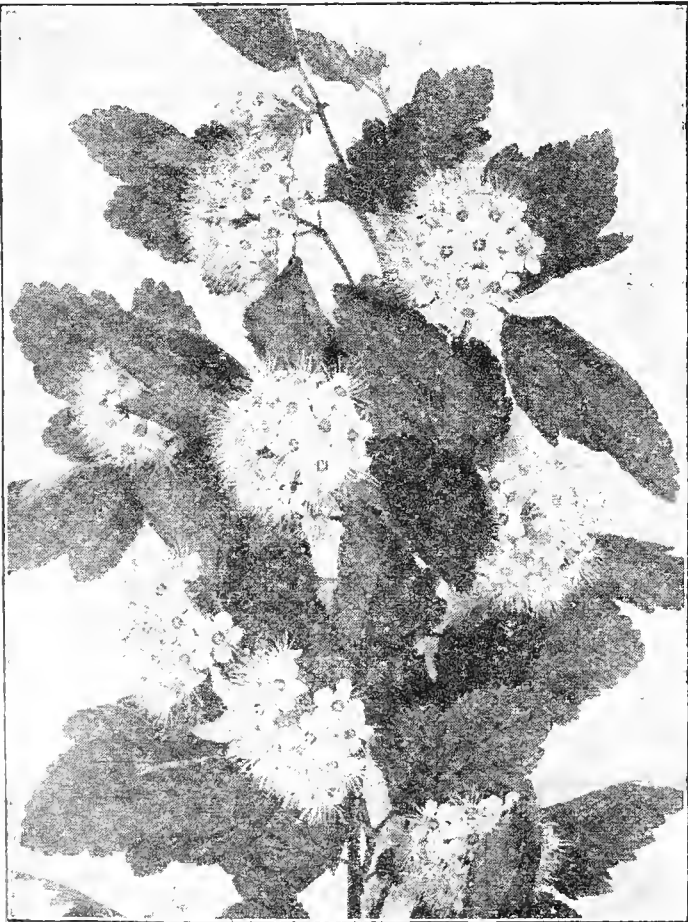
Fröebeli (Callosa Fröebeli). Similar to A. Waterer, but a trifle taller, fuller, and more expansive, with broader and darker summer leaves. These are a beautiful salmony bronze-red in spring, and again in the fall. Reddish pink flowers in dense corymbs during June and July.

Both:	Each	6	25
12 to 15 inches	\$0.25	\$1.25	\$3.75
15 to 18 inches .....	.30	1.50	5.00
18 to 24 inches .....	.35	1.80	6.25

TALLER SORTS—4 Feet and Up.

Arguta multiflora (Snow Garland). A slender, upright shrub, with branches a snowy mass in early May. First Spirea to bloom, in wavy vertical lines, flat white.

Billiardi. Numerous dense upright terminal panicles of rich, lilac-pink, fuzzy flowers from July on.



Golden Spirea—Opulifolia aurea.

Opulifolia. Growth upright, attaining up to 8 feet, although the white heavy flower umbels in June make the branches droop; old flower heads turn to dark red, and make a striking variety of colors at different stages of maturity.

Opulifolia aurea (Golden Spirea). Of similar habit to above, with young foliage of bright yellow changing to golden bronze in the fall. The contrasting red fruit is very pleasing.

Prunifolia fl. pl. (Bridal Wreath). Plum-leaved foliage which early in autumn turns to brilliant red. Blooms early, even before Van Houtte, with clusters of small button-like double white flowers.

Five Foregoing Kinds:	Each	6
2 to 3 feet	\$0.40	\$2.00
3 to 4 feet .....	.50	2.50

Thunbergi. Forms a dense feathery bush, 3 to 5 feet high; the foliage, which is a light yellowish green, changes in autumn to bright red and orange. White clustered flowers in early spring.

	Each	6
1½ to 2 feet	\$0.30	\$1.50
2 to 2½ feet .....	.40	2.00

Trichocarpa (Korean Spirea). A handsome new introduction favoring Van Houtte in character, but with interesting differences. The flowers are larger than Van Houtte, with a distinct eye, in dome-shaped clusters. These appear a short space following the older Bridal Wreath, and thus prolong the showiness of this type. Thrifty and hardy.

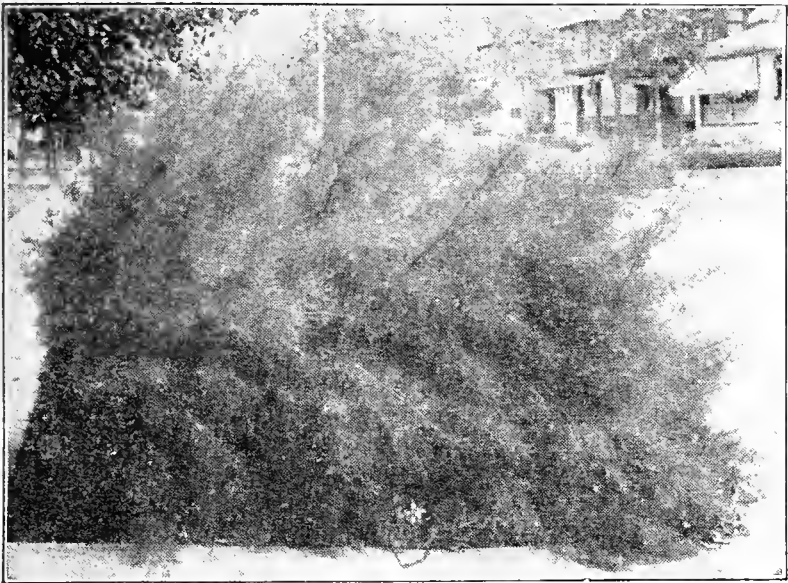
	Each	3
1½ to 2 feet	\$0.35	\$1.00
2 to 3 feet .....	.50	1.35

Van Houtte. Indispensable in any grouping of shrubbery where its gracefully arching, slender branches, fine twigs and "maidenhair" foliage may be left unpruned. A fountain of white in May.

	Each	12	100
1½ to 2 feet	\$0.15	\$1.50	\$ 8.00
2 to 3 feet .....	.20	2.00	12.00
3 to 4 feet .....	.30	3.00	15.00
4 to 5 feet .....	.45	4.80	25.00



Korean Spirea—Spiraea Trichocarpa.



The Feathery Grace of Tamarix.

STEPHANANDRA

Flexuosa. An attractive 3-ft. shrub specially suitable for borders of other shrubs, and rocky banks. Branches angular, even zig-zagged, with handsome deep lobed foliage which colors to purplish red; paniced racemes of white flowers in June. Not hardy far north, must have winter protection.

	Each	3
1½ to 2 feet	\$0.30	\$0.85
2 to 3 feet	.40	1.10

TAMARIX

Tall growing shrubs, 8 to 12 feet high, with fine leathery foliage like that of the Juniper; small, usually pink flowers from April on. Splendid for seaside planting, or equally good in dry sand. The slender varieties should be grouped close.

Africana. Reddish brown bark and slender spreading branches, flowers pink in long terminal panicles in May.

Odessana (Caspian Tamarix). 4 to 6 feet. Exquisitely feathered foliage of silvery green, blooming July and August with large, loose panicles of lavender-pink flowers. Dwarfier growing, more bushy and spreading than the others.

Hispidia (Spanish Tamarix). Densely bushy, a foaming mass of glaucous foliage. Flowers in extra large upright panicles, bright coral-pink; midsummer and to some extent thereafter. This variety is much used for cutting, not only for its bloom but for the "mixing" character of its foliage.

All: 2 to 3 ft., 40c each; 3 for \$1.10.

VIBURNUM

Americanum (High Bush Cranberry). Similar to Opulus, but more open and spreading, with longer, more numerous, more visible and longer lasting fruits. Broad flower corymbs with usually only the outer fringe fully opened. Fruits bright scarlet, persisting from July until spring, mainly because the birds won't eat them. (See color page F).

	Each	3
2 to 3 feet	\$0.40	\$1.10
3 to 4 feet	.50	1.35



Snowball.

Carlesii A valuable recent introduction from Korea, producing its delicate, spice-scented flowers in May and June. The buds before expanding are an attractive mauve-pink, developing into Bouvardia-like umbels of pure white. Flowers preserve their perfect form and purity of color an unusually long time.

	Each	3
12 to 15 inches	\$0.60	\$1.65
15 to 18 inches	.75	2.00
18 to 24 inches	1.00	2.75

Cassinoides (Withe Rod). Broad, flat topped panicles of creamy white in early summer, followed by pink berries which change to blue. (See color page F).

	Each	3
1½ to 2 ft.	\$0.45	\$1.25
2 to 3 ft.	.60	1.65

Dilatatum (Linden Viburnum). A handsome upright and bushy shrub with thick roundish leaves like the Lindens. Flowers pure white in short-stemmed cymes. The late season aspect is even more attractive, when the branches are laden with persisting scarlet fruits.

	Each	
1½ to 2 feet	\$0.75	
2 to 3 feet	1.00	

Lantana (Wayfaring Tree). Beautiful lantana-like leaves; white flowers in May and June. Fruits color unequally from crimson to black.

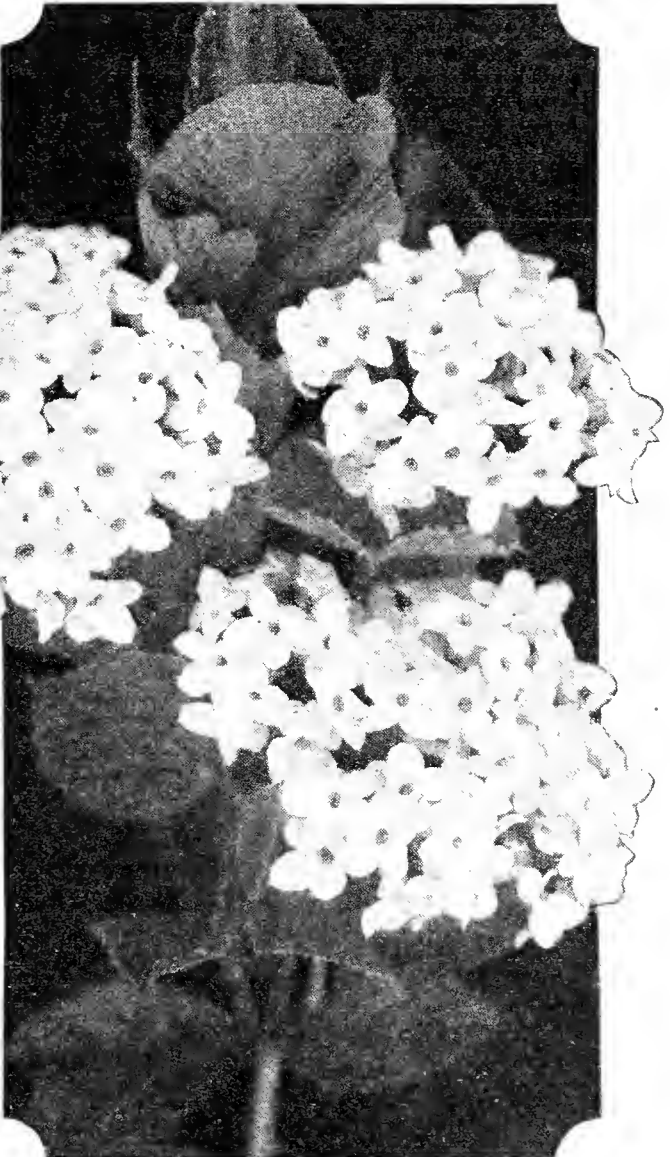
	Each	3
2 to 3 feet	\$0.40	\$1.10
3 to 4 feet	.50	1.35

Opulus. Broad, brilliant green foliage; a rich setting for large bunches of crimson berries which persist on bare branches into the winter. The flowers are in dense cymes about 4 inches across, pure white.

	Each	3
2 to 3 feet	\$0.40	\$1.10
3 to 4 feet	.50	1.35

Opulus nanum (Dwarf Cranberry). Dwarf, compact, rounded, with darkly lustrous, irregular leaves, and reddish twigs. It bears no flowers, but is very valuable for low edging.

	Each	6
9 to 12 inches	\$0.50	\$2.50
12 to 15 inches	.60	3.50



Viburnum Carlesii.

Flicatum (Japan Snowball). Erect, compact. Purple tinged foliage of beautiful pattern, spangled with perfect ovoid corymbs of purest white, in June. Can be kept down to 4 or 5 feet.

	Each	3
1½ to 2 feet	\$0.45	\$1.25
2 to 3 feet	.60	1.65

Sieboldi. Tall, stoutly branching. Long oval leaves dark and glossy, pubescent beneath. Early summer creamy white flowers in 3-inch panicles; pink fruits ripening black.

	Each	3
1½ to 2 feet	\$0.40	\$1.10
2 to 3 feet	.50	1.35

Sterile. The common "Snowball" with its lovely white balls of bloom for Decoration Day.

	Each	3
2 to 3 feet	\$0.40	\$1.10
3 to 4 feet	.50	1.35

VITEX [Chaste Tree]**Macrophylla** (Large Leaf Chaste Tree).

A distinctive and very desirable medium size shrub not yet in general use; of graceful, open, airy habit. The leaves are very large, deep pointed like stars; creating a charming effect of informality with their different facings around the bush. From July till early frosts, there is a fairly continuous display of beautiful, large, distended, upright panicles in clusters; the color a rich shade of lavender blue. (See color illustration on back cover).

1 to 1½ feet, 50c each; 3 for \$1.35.

1½ to 2 feet, 75c each.

**Candida.****Flowers of Weigela.****WEIGELA**

Coarse, thrifty shrubs for medium and back rows in landscape groups. The flowers are stemless bells strung along the arching canes in clustered profusion, providing the bulkiest and most dominating show of bloom from May into July.

Abel Carriere. Blooms May and June. Rose-carmine flowers with orange spots; very rich and showy.

Candida. Pure white; blooming in great profusion during June, and to some extent all summer.

Rosea. Early flowering. Rose-colored. Dwarf to medium.

Three above: 2 to 3 feet, 40c each; 3 for \$1.10.

3 to 4 feet, 50c each; 3 for \$1.35.

Floribunda. Crimson Weigela, its flowers large and showy, crowded at the ends of short branchlets. (Color page E).

1½ to 2 feet, 35c each; 3 for \$1.00.

2 to 3 feet, 45c each; 3 for \$1.25.

Sessilifolia. Good sized cymes in dense terminal panicles, the yellow tube quite striking. Medium height, but stocky.

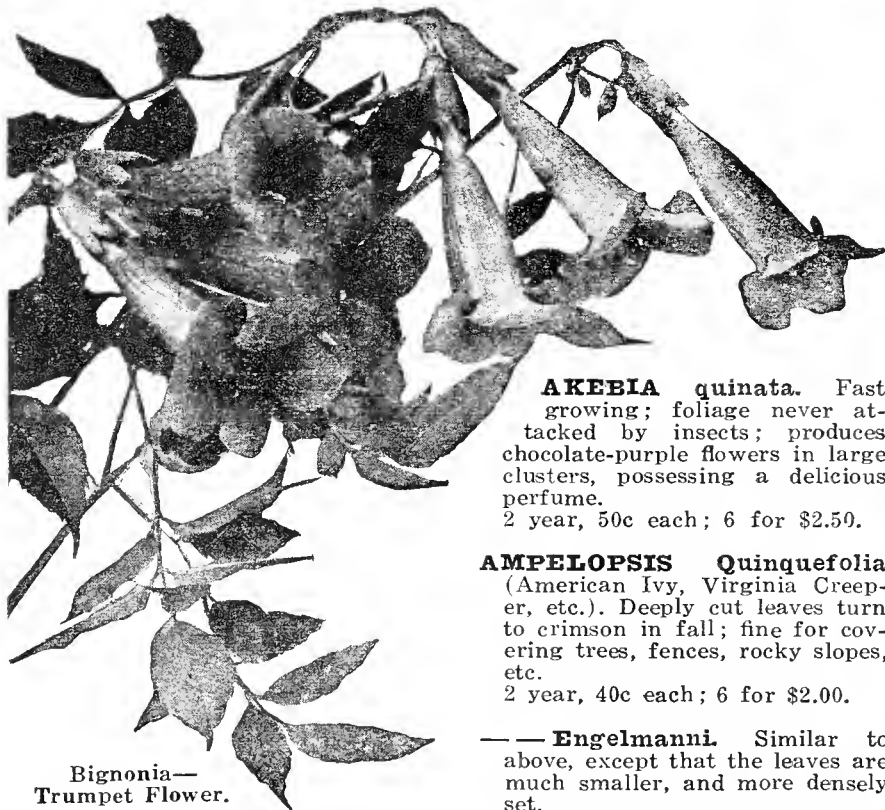
1½ to 2 feet, 40c each; 3 for \$1.10.

2 to 2½ feet, 50c each; 3 for \$1.35.

Prices for Express or Freight delivery at your expense.

HARDY VINES

However, We will Pay Postage on All Vines at Each Price.

**Bignonia—Trumpet Flower.**

AKEBIA quinata. Fast growing; foliage never attacked by insects; produces chocolate-purple flowers in large clusters, possessing a delicious perfume.

2 year, 50c each; 6 for \$2.50.

AMPELOPSIS Quinquifolia (American Ivy, Virginia Creeper, etc.). Deeply cut leaves turn to crimson in fall; fine for covering trees, fences, rocky slopes, etc.

2 year, 40c each; 6 for \$2.00.

— **Engelmanni.** Similar to above, except that the leaves are much smaller, and more densely set.

2 year, 35c each; 6 for \$1.80.

— **Veitchi** (Boston Ivy). The finest hardy climber for covering walls, as it clings firmly to the smoothest surface, covering closely with overlapping foliage like shingles; a deep green in summer, changing to crimson.

2 year, 40c each; 6 for \$2.00; 25 for \$6.25.

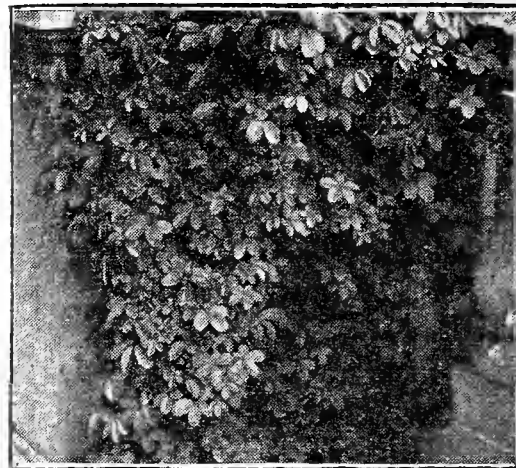
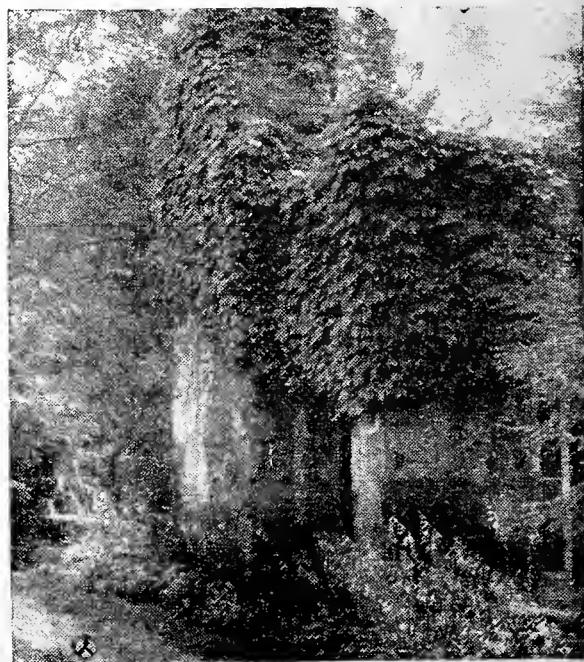
1 year, 25c each; 6 for \$1.25; 25 for \$3.75.

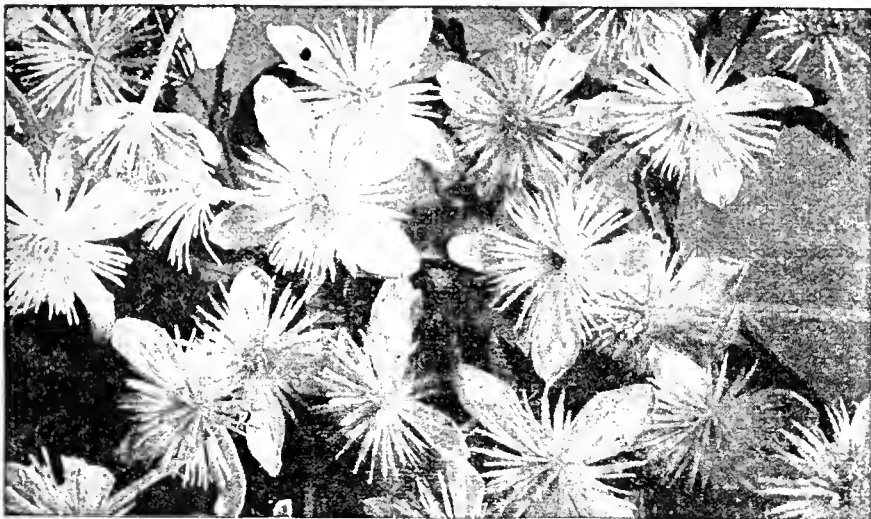
BIGNONIA radicans (Trumpet Flower). A robust, woody fernleaf vine; twining tightly with numerous roots along its stems. Large trumpet-shaped orange-scarlet flowers cluster at the tips of branches.

2 year, 35c each; 6 for \$1.80.

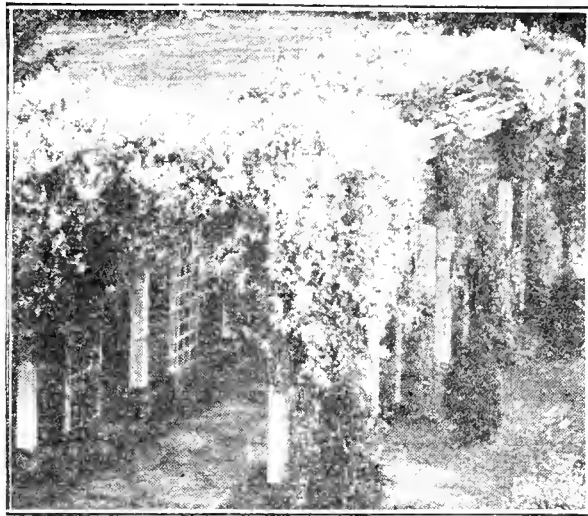
BITTERSWEET (Celastrus scandens). Glossy foliage and large clusters of beautiful orange-crimson fruits retained all winter. Its graceful sprays of berries make charming winter house decorations.

2 year, 40c each; 6 for \$2.00.

**Akebia Quinata.****Boston Ivy—Ampelopsis Veitchi.**



Clematis Paniculata.



Silver Lace Vine—Polygonum.

CLEMATIS paniculata. (Sweet-Scented Japan Clematis). The flowers are of small size, fragrant, pure white, borne in immense sheets in September when few other vines bloom.
2-year, 40c each; 6 for \$2.00; 25 for \$6.25.

CLEMATIS—Large Flowering:

- Henryi.** Creamy white.
- Mad. Ed. Andre.** A crimson-red.
- Jackmani.** Velvety violet.
- Ramona.** A deep sky-blue.

All 2-year, 75c each.

HONEYSUCKLE (Lonicera). For trellis or ground cover.

—**Golden Variegated (L. reticulata aurea).** A brightly golden variegation in the leaves; with fragrant yellow flowers.
2-year, 50c each; 6 for \$2.50.

—**Hall's Japan (L. Halliana).** Flowers a mingled white and yellow. Extremely fragrant and satisfactory on shaded lattice, or as a matted bank covering. 2-year, 40c each; 6 for \$2.00; 25 for \$6.25. 1-year, 25c each; 6 for \$1.25; 25 for \$3.75.

—**Monthly Fragrant (L. Belgica).** Numerous sprays of large red and yellow flowers. 2-year, 40c each; 6 for \$2.00.

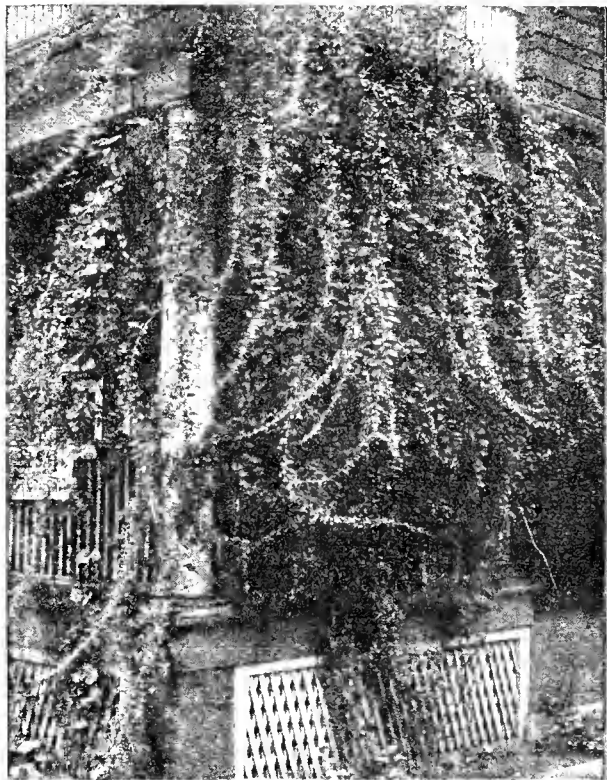
—**Scarlet Trumpet (L. sempervirens).** Foliage practically evergreen, the flower trumpets brilliant polished red. 2-year, 40c each, 6 for \$2.00.

KUDZU VINE. Large foliage and dense shade, of finished character in one season. Flowers plentiful in August; rosy purple; pea-shaped—in small racemes. A handsome and serviceable porch vine wherever it is hardy enough to withstand the winters. 2-year, 25c each; 6 for \$1.25.

MATRIMONY VINE (Lycium chinense). Purple flowers, long scarlet berries. Good foliage and character for climbing use, valuable also as a deep rooting ground cover.
2-year, 35c each; 6 for \$1.80; 25 for \$6.25.

SILVER LACE VINE (Polygonum Auberti). A quick-growing vine of twining habit making strong development the first season; with small foliage. Produces more bloom than any other hardy vine, a season extending from late summer into fall with an extravagance of large, foamy silvery white sprays. 2-year, 75c each; 6 for \$4.00.

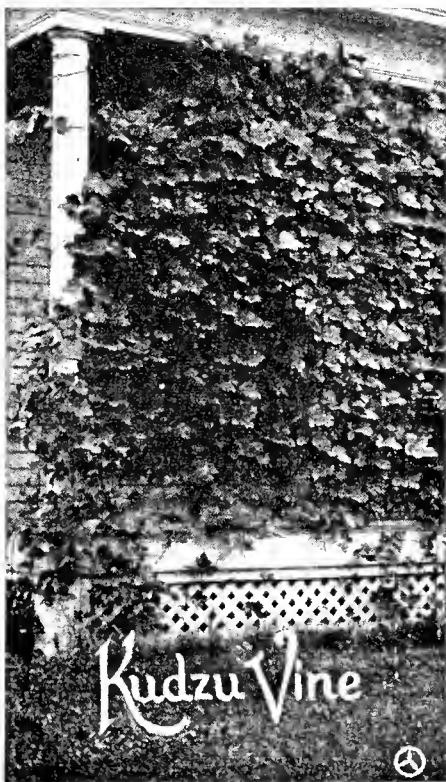
WISTERIA sinensis. Distinguished subjects for pergolas, porches and trellises; with attractive and magnificent dense, massive, drooping clusters of pea-shaped blue flowers. 2-year, 75c each; 6 for \$4.00.



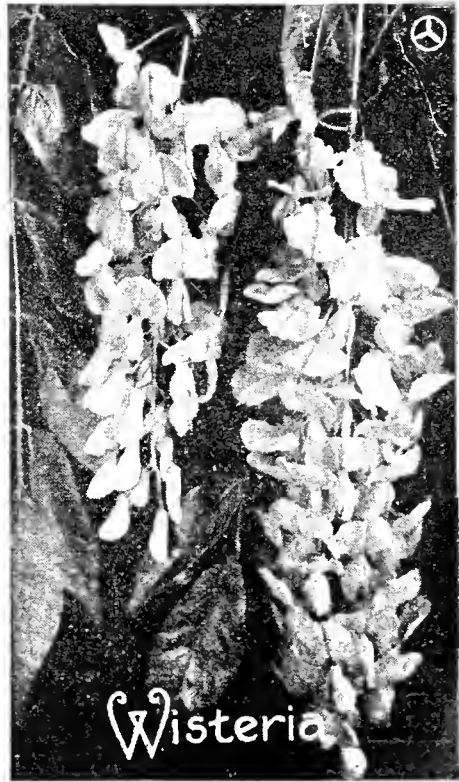
Matrimony Vine.



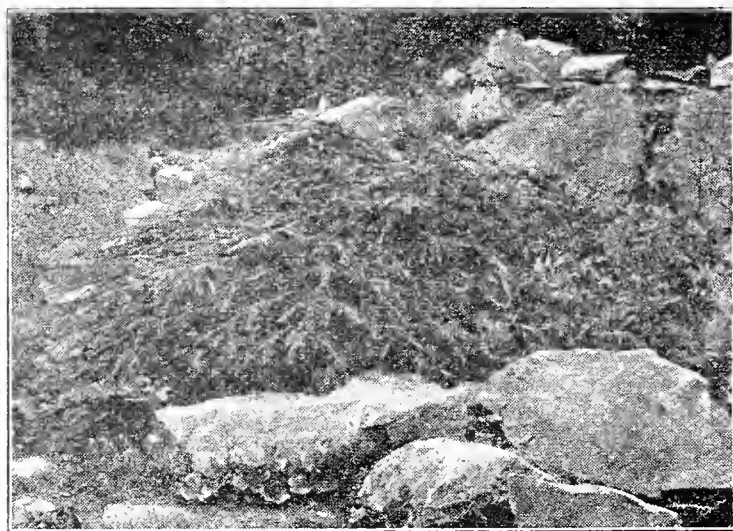
Honeysuckle



Kudzu Vine



Wisteria



Cotoneaster Horizontalis.

Evergreen Shrubs and Evergreen Vines and Plants

This group contains some of the most notable shrubs, distinguished not only by their evergreen foliage, but because of their highly prized flowers; very useful in foundation planting, for filling in beds of evergreens and for lawn specimens. They are sensitive to lime, and require acidity. For protection of roots, most Evergreens are dug carefully with a ball of the attached soil, sewed up in a stout burlap bag. This treatment is denoted **E. B.** (Earth Balled). In other cases, the soil is replaced by wet moss; in which case the notation reads **M. B.** (Moss Balled). Prices are for shipment by express or freight, charges collect, unless specifically otherwise noted. Because of extra weight, we recommend shipment of **E. B.** items by freight, to save expense.

AZALEA Mollis. Dwarf, bushy, well branched, good for foundations. The flowers are a variable orange-tan, yellow and red. Plant thrives in both sun and shade. Mixed colors only. See illustration on color page E.

E. B.	Each	Bare roots; by mail, 40c each; 6 for \$2.00, postpaid.
12 to 15 inches	\$1.25	
15 to 18 inches	2.00	

COTONEASTER acutifolia (Peking Cotoneaster). A fast growing shrub, with spreading slender branches and 1½- to 2-inch leaves. Nodding flower clusters in May and June, half-inch black fruits in September.

	Each	6
2 to 3 feet, bare roots	\$0.50	\$2.50
3 to 4 feet, bare roots	.70	3.75

—**divaricata.** Growth upright to 6 feet; leaves deciduous, broadly oval, lustrous above, turning to crimson. Inconspicuous pink flowers; fruits 1/3-inch long, turning to bright red in September.

	Each
2 to 3 feet, bare roots	\$1.25
3 to 4 feet, bare roots	1.75

—**Horizontalis.** Densely spreading horizontal branches almost prostrate; much appreciated in rockeries and the front of borders, to display its crimsoning leaves and scarlet fruits, deep into winter. Field grown. **E. B.**

	Each	3
12 to 15 inch spread	\$1.00	\$2.70
15 to 18 inch spread	1.35	3.75

DAPHNE Cneorum ("Garland Flower"). A dwarf shrub, almost evergreen, with spreading branches on which the narrow, inch-long leaves are crowded; making very pretty trails of blue-green foliage. The soft pink flowers appear profusely during April and May, and at intervals throughout the summer; small and dainty in terminal clusters, with a distinct and pleasing fragrance. **E. B.**

	Each	3
6 to 9 inches	\$0.75	\$2.00
9 to 12 inches	1.00	2.75
12 to 15 inches	1.50	4.00

EUONYMUS [Winter Creeper]

A splendid class of Evergreen vines all adapted to clinging besides being useful for hedges, edging, ground covering and group filling.

Patens (Sieboldianus). An upright type broader leaved and heavier wooded than the radicans type; used for bordering either in its natural abandon, or formally sheared.

Radicans—Trailing. A fine evergreen vine, narrow-leaved, compactly matting, with pink fruits. For covering rocky banks, rough walls, tree-trunks, etc.



Daphne.



Mahonia Aquifolia.

—**Carrieri** (Glossy Wintercreeper). Most upright of the type and most favored for shearing into low hedges. The leaves are larger than vegetus and pointed, richly dark and shiny with indefinite variegation of silver lines.

—**colorata.** Large round leaves and rapid prostrate growth, rooting every place it touches the ground. Good for retaining difficult steep banks, either in sun or partial shade. Dark green, turning bronzy red during autumn and for the winter.

—**variegatus.** Trailing and same as the radicans type, except that the leaves are heavily margined white.

—**vegetus** (Evergreen Bittersweet). Of shrubby character, its rounded leaves close-covering, glossy evergreen throughout most of winter; spangled with orange-red berries. The most beautiful, and climbing if so trained.

All—Bare Roots: 2 year—60c; 6 for \$3.00.

Holly, American (Ilex opaca). A moderate grower with spreading, short branches tapering upwards to a narrow head. Broad, oak-like, shiny evergreen leaves with spiny teeth. Ornamental fruits remain on the branches nearly all winter. **M. B.**

2 to 3 feet\$3.25	3 to 4 feet\$4.50
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—**Finetooth** (Ilex Sieboldi). A shapely, medium sized shrub, of particular value because it bears an abundance of bright red berries which the birds leave alone; so that they may be enjoyed in snow-bound landscapes until midwinter, or longer. Bare roots. **Each**

2 to 3 feet	\$1.25	3 to 4 feet	\$2.00
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MAHONIA aquifolia (Holly-Leaved Mahonia). A beautiful evergreen shrub of slow growth to medium height, with smooth shining holly leaves; bright yellow flower clusters in May, and blue berries. The leaf color varies capriciously. Of special value in shady locations. **M. B.**

	Each	3
15 to 18 inches	\$0.85	\$2.25
1½ to 2 feet	1.25	3.00
2 to 2½ feet	1.75	4.50

OXYDENDRUM arboreum (Sourwood). A small tree with spreading slender branches. Leaves bright green, in autumn dazzling tones of scarlet. Flowers pure white in racemes resembling Lily-of-the-Valley. Bare roots. **Each**

	Each	3
2 to 3 feet	\$0.90	\$2.50
3 to 4 feet	1.25	3.50

PYRACANTHA lalandi (Firethorn). Almost evergreen, allied to both Thorn and Cotoneaster. Small, ovate, shiny leaves set thickly on slender branches with numerous short thorns. Small white flowers in corymbs, bright orange-red fruit in fall. **M. B.** 3 feet, \$3.50 each.

Evergreen Hardy Perennials

PACHISTIMA Canbyi. Low, spreading, close rooting evergreen shrub, useful among rocks or to edge a planting of evergreen trees. Narrow oblong leaves evenly distributed on 12-inch upright stems, the new growth light green but quite bronzy by fall. Reddish purple flowers. April and May. Bare roots. Each, 60c; doz., \$5.00; 100, \$35.00.

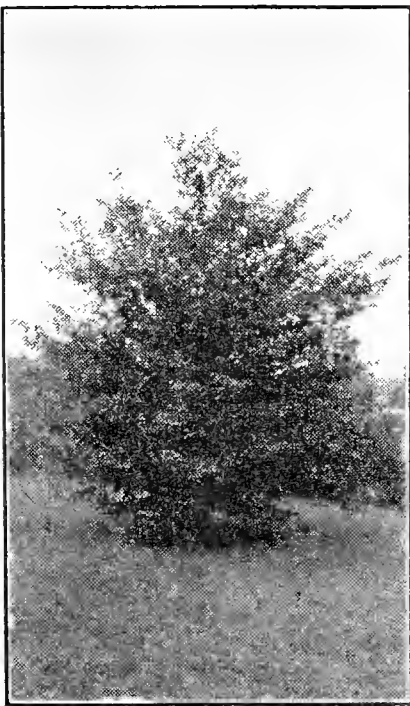
PACHYSANDRA terminalis (Japanese Spurge). One of the best ground covering plants, particularly valuable in shade, averaging 6 to 8 inches in height and branching freely into a dense mat. Its shapely, indented foliage is practically evergreen; thick, rubbery, lustrous dark green. For immediate carpeting effect, use 4 or 3 plants to the square foot.

	3	Doz.	100	1000
Field grown, bare roots	\$0.55	\$2.00	\$12.00	\$90.00
From 2½-inch pots	.40	1.50	8.00	70.00

Write for Prices on: Rhododendron, Mt. Laurel, Andromeda, and other like Shrubs.



Ailanthus—"Tree of Heaven."



Rivers' Purple Beech.



Catalpa Bungei.

Deciduous Ornamental TREES

The succeeding lists represent the most favored trees for lawn adornment, and the best type for street and grove plantings. We would be pleased to quote prices to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list, state definitely the number of each variety and size wanted. Prices are for express or freight collect.

- AILANTHUS** (Tree of Heaven). An extremely rapid grower with brilliant green, palmlike leaves. Thrives in city lots exposed to gas and smoke, and in soil where other trees perish. Each
- 6 to 8 feet\$1.00
 - 8 to 10 feet 1.50
- ARALIA japonica.** (Devil's Walking Stick). Handsome small tree with spreading umbrella top. Foliage immense, finely divided; broad flat panicles of creamy white flowers in July; the whole creating a distinctly tropical effect. 3 to 4 feet, 75c. 4 to 5 feet, \$1.00.
- ASH, American White.** A tall, rapid grower with smooth gray bark and glossy, fernlike leaves. 6 to 8 feet, \$1.00, each; 6 for \$5.40. 8 to 10 feet, \$1.50 each; 6 for \$8.10.
- BIRD CHERRY** (*Prunus padus*). A handsome flowering tree, bearing long clusters of white flowers in May, followed by bright red fruit, much beloved by birds. It is one of the earliest trees to leaf out in the spring. 6 to 8 feet, \$1.00.

BEECH Both Balled and Burlapped; heavy — Ship by Freight

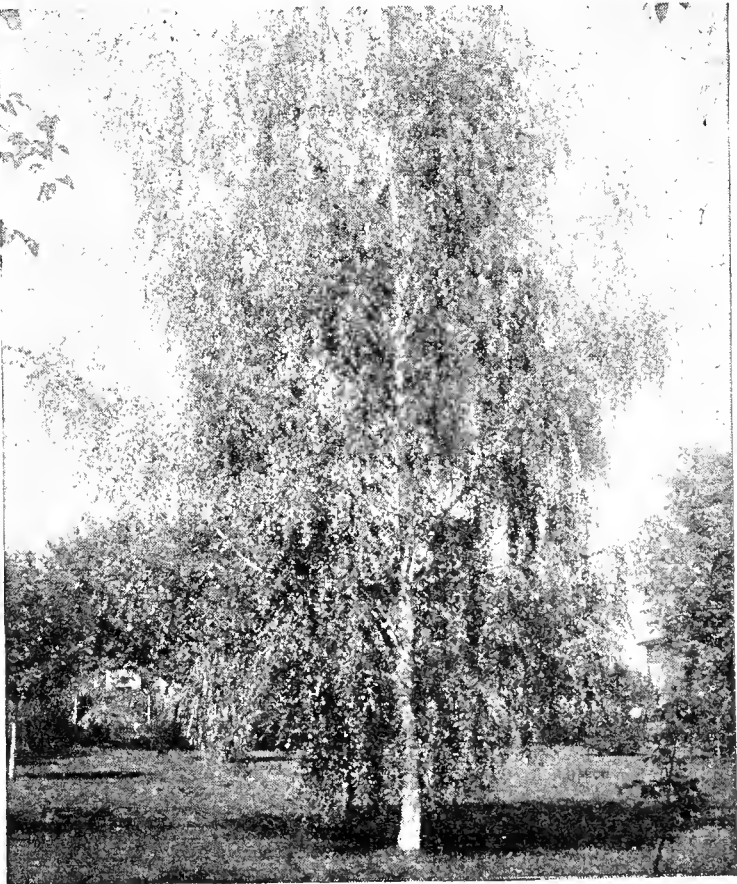
- European.** Magnificent, compact tree with a sturdy, solid trunk, smooth gray bark, and dark green, lustrous leaves which turn to reddish brown in autumn. 3 to 4 feet, \$2.75. 4 to 5 feet, \$3.75.
- Rivers' Purple-Leaved** (Grafted). Makes an elegant medium size tree for the lawn; the foliage in the spring is a deep purple, later changing to crimson, and in autumn a dull, purplish green. 3 to 4 feet, \$5.00. 4 to 5 feet, \$7.50.

BIRCH

- Cut-Leaved Weeping.** Its tall, slender, yet vigorous growth, graceful drooping habit, silvery white bark and delicately cut foliage present attractive characteristics rarely met with in a single tree. Very popular for single lawn specimens or groups; the white bark of trunk and twigs gleaming conspicuously among the darker greens and browns of other trees. Each
- | | |
|-------------------------|-------------------------|
| 4 to 5 feet .....\$1.00 | 6 to 8 feet .....\$2.00 |
| 5 to 6 feet 1.50 | |

CATALPA

- Bungei** (Umbrella Catalpa). Grafted on stems either 5 to 6 or 6 to 8 feet high, makes an umbrella-shaped top without pruning. Perfectly hardy, and flourishes in all soils and climates. Leaves large, glossy, heart-shaped, deep green, making symmetrical head. Usually planted in pairs. Each
- 5 to 6 feet\$1.25
 - 6 to 7 feet 1.75
- Dwarf Bungei.** Worked low; with all the wealth of green foliage found in the standard form, clear to the ground. Each
- 3 to 4 feet\$1.00
- Speciosa.** A good looking tree developing quick shade. Large, heart-shaped downy leaves, and compound panicles of white flowers, tinged violet, dotted purple and yellow. Noted for rapid, straight growth, and durability. Each
- 8 to 10 feet 1.00

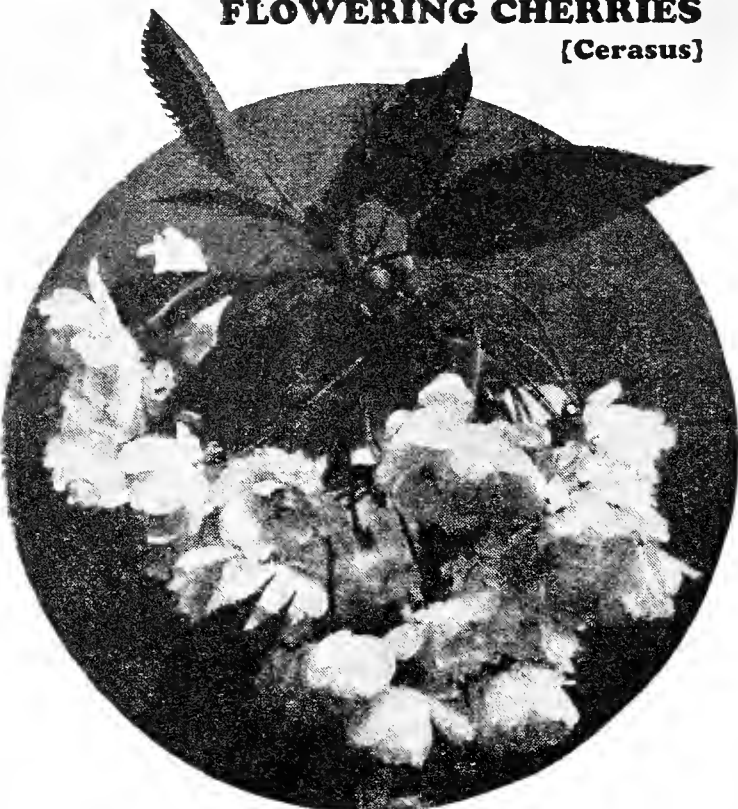


Cut-Leaved Weeping Birch.

We Have Larger Sizes.

Write us for quotation on quantity lots; and on sizes larger than listed, if you desire specimen trees.

FLOWERING CHERRIES
[Cerasus]



The Japanese Flowering Cherries are a recently developed line of small sized flowering trees which is taking America by storm. Some types are well known, but most named varieties are new in the catalogs and in general use. We have a very fine stock of them.

Amanogawa (Milky Way). A unique tree form similar to Lombardy Poplar, with upright branches hugging the main trunk. These are literally covered full length with also upright short stems crowned by lovely semi-double pink flowers of delightful fragrance. This type takes up little room, and is consequently very valuable as an accent shrub in general groupings. 3 to 4 feet, \$1.00. 4 to 6 feet, \$1.75. 6 to 8 feet, \$2.50.

Beni-Higan (C. subhirtella). The famous "Spring Cherry" of Japan, deep pink in the buds, expanding to a flushed white. 2 year, grafted on 5- to 6-ft. stems, \$2.75.

Japan Weeping (C. subhirtella pendula). The "Rosebud Cherry," longest known of this wonderful family in American landscapes; popularized by its adaptability to small lawns where its swaying wands, so thickly studded with light pink bloom, are an outstanding incident of spring. Grafted on 5- to 6-ft. stems. 1-year heads, \$2.25. 2-year heads, \$3.50.

THE FOLLOWING 8 VARIETIES:		
3 to 4 feet	Each	3
4 to 6 feet	\$1.00	\$2.75
6 to 8 feet	1.50	4.20
	2.00	5.50

James H. Veitch (C. fugenzo). One of the best varieties; large, double, pink flowers with reddish green calyx, contrasting attractively against the handsome foliage.

Kofugen (Pink Saint). Vigorously upright and symmetrical. Crimson buds, expanding into double flowers that are red, fading to old rose.

Kwanzan (Sekiya, Sekizan) (Sacred Gate). Usually in bush form but of good height; the flowers being very full and double, deep pink or old rose, varying in tone according to weather conditions. Popularly used in Japan as gateway guardians.

Mt. Fuji (Fujizan) (C. incisa). A stocky, sturdy type; snow-white blossoms with yellow anthers, equally beautiful after the petals have fallen when the conspicuous calyx shows red and finally crimson.

Paul Wohlert. A beautiful variety inclined to be short and spreading. The flowers are semi-double; very early, red to deep pink.

Shirofugen. Similar to Kwanzan in character, but unique in that its buds are pale; and the opened flowers show but the merest tint of pink.

Sieboldi. (Double Pink). Semi-double, white tinged with red.

Yoshino. One of the loveliest of all, most popular in Japan, and the kind that gives that magnificent sweep of pink color along the Tidal Basin at Washington, when "Cherry Time" draws its thousands of flower-lovers to the Capital. Fast growing and wide-spread, the early flowers very dense on the branches; buds red, the single flowers bluish pink maturing to white with a purplish pink center.

CORNUS [The Dogwoods]

Cornus florida (White Flowering Dogwood). Flowers white. 3 to 3½ inches in diameter, in spring before leaves appear. Spreading, irregular form, growing 20 to 25 feet high. Used in tall shrub backgrounds and corner groups, sparkling white bloom in spring, and crimson autumn foliage. 2 to 3 feet, 65c. 3 to 4 feet, 90c. 4 to 5 feet, \$1.25.

Cornus florida rubra (Red-Flowering Dogwood). Slower growing and more formally shaped, with handsome rose-red flowers. An attractive lawn specimen or group subject. As we grow them, these small trees are among the most popular of all the "fancy" types for group association with such kinds as the Flowering Cherries, Flowering Crabs, and Flowering Thorns. 2 to 3 feet, \$1.25. 3 to 4 feet, \$2.00. 4 to 5 feet, \$3.25.

FLOWERING CRABS [Malus]

Rounded, compact, small trees, largely used in lawn groups and high shrub borders, for their profuse early bloom; their dense, glossy, handsome foliage which colors richly; and their ornamental fruits.

No tree could be more lovely than are these in their first stage of deep colored, round, shiny buds; then their second stage of part buds and part opened flowers; followed by a smothering expanse of full-bloom flowers. Then comes their final gesture, later, when the trees are sparkling with brilliant fruits,—varying in size and color, according to the variety.

Bechtel's. The only genuine double flowered Crab. Makes a medium sized tree; perfectly hardy. When in bloom appears to be covered with delicate pink, perfectly double small roses of delicious fragrance. (See color illustration on back cover).

2 to 3 feet\$0.60
3 to 4 feet80

Parkmani (Halliana). Dwarf; with long-stemmed semi-double flowers of deep rose color wreathing its branches.

Each
3 to 4 feet\$1.25
4 to 5 feet1.75

ALL VARIETIES FOLLOWING:		
3 to 4 feet	Each	3
4 to 5 feet	\$0.75	\$2.10
5 to 6 feet	1.00	2.75
	1.35	3.75

Arnoldiana. A popular variety; early flowering semi-double, pink, with splendid foliage and yellow fruit.

Atrosanguinea. Darker flowers. The buds are deep purplish red, and the entire flower tinged purplish.

Eleyi. The young shoots are fuzzy, with brilliant purplish red foliage rivaling the Japanese Maple. Its flowers are vinous red, the dark red fruits spectacular.

Floribunda. A large shrub or small tree, often thorny, with rose-red flowers. The fruit is red and very small.

Floribunda purpurea. Darker red flowers; purplish leaves.

Hopa. Beautiful in spring with a wealth of rose-crimson flowers; vivid in autumn with its large crimson fruits.

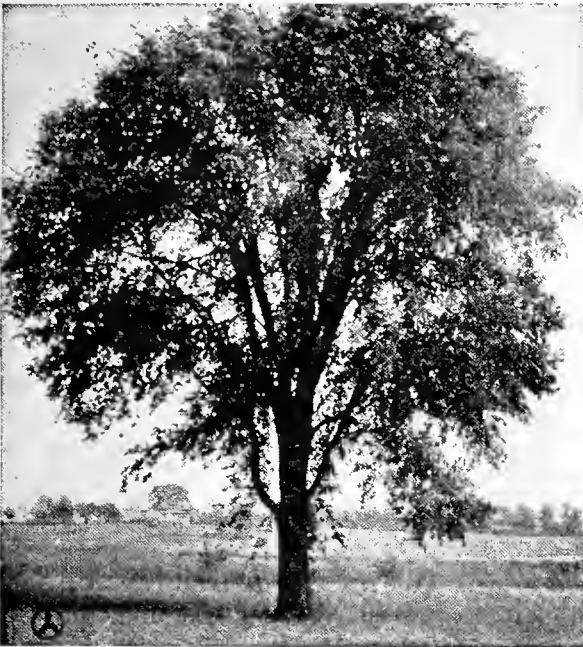
Niedzwetzkyana. Purplish foliage, wood and bark; the large flowers deep pink, the edible fruits purple.

Scheideckeri. An extremely free-flowering variety, the upright branches laden full length with double pink flowers. The succeeding orange fruits make excellent jelly.

Spectabilis. Narrow foliage glossy above, glabrous beneath, the tree small. Coral-red buds expand into pretty rose-colored flowers. Fruits small, round, yellow.



The rose-red glory of Cornus Florida Rubra.



American Elm.

THE ELMS [Ulmus]

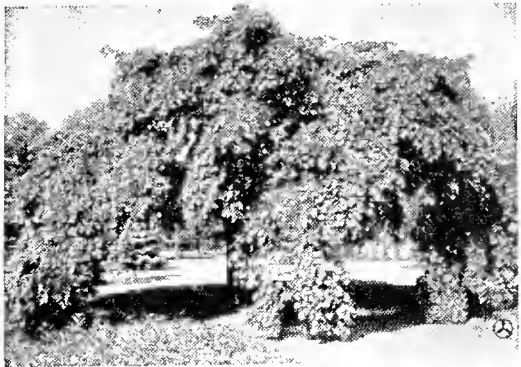
American. A noble native tree of great size and wide spread, with graceful drooping branches and handsome leaves. One of the best tree types for towering heady effect and wide-spread shade.

Each	6
6 to 8 feet	\$0.85
8 to 10 feet	1.20
10 to 12 feet	1.70

Camperdown Weeping. Its vigorous irregular branches, which have a uniform weeping habit, overlap so regularly

that a compact, roof-like head is formed. Leaves are large, glossy, dark green. Grafted 5- to 6-ft. stems, with 2-yr. head, \$3.00.

Chinese (Pumila). Growing rapidly and to a good height. Prefers a light or gravelly loam, and develops a broader base than the American types. The foliage is small and dense, the growth symmetrical and compact.



Camperdown Elm.



Chinese Elm.

leaves of distinct dark blue-green shade.
Vase Elm. Another recently introduced type of American Elm, the tops uniformly shaping up to a broad-topped vase shape.

Both Above:	Each	6
6 to 8 feet	\$1.00	\$5.40
8 to 10 feet	1.25	6.60
10 to 12 feet	1.75	9.30

EUONYMUS

(Winterberry)

Bungeanus. Tall growing shrub with slender branches and finely serrate 2- to 4-inch leaves. Flowers appear in numerous small forked cymes; succeeded by large, deeply lobed fruits which show pink, with white seeds and orange arils. 3 to 4 feet, 60c. 4 to 5 feet, 75c.

Europaeus. (Burning Bush). A large shrub or small tree, growing to 15 feet. In spring it is covered with a wealth of bright yellow flowers in nodding clusters, followed by brilliant rose-colored berries, hang in clusters from the branches till mid-winter. The leaves color a beautiful crimson-scarlet in fall. Stems and leaves a dark, polished green.

3 to 4 ft., 60c. 4 to 5 ft., 75c. 5 to 6 ft., \$1.00.

Yedoensis (Yeddo E.). Of tall shrub height, round-topped, with stiff upright branches; young branches green maturing red-brown to gray old bark. Profuse greenish flowers, and persistent, dull rose-colored fruits. 3 to 4 feet, 75c. 4 to 5 feet, \$1.00.



Horse-Chestnut.

HACKBERRY. Its light green leaves are glossy, pointed; the branches spread horizontally, forming a wide, elm-shaped head of medium size. Vigorous, hardy and healthy, thriving in all soils. 6 to 8 feet, \$1.25. 8 to 10 feet, \$2.00.

HONEY LOCUST. A large, vigorous tree, with wide-spreading branches, feathery, fernlike leaves, and a stout armament of thorns. Makes a fine defensive hedge. 4 to 6 feet, 65c. 6 to 8 feet, \$1.00. 1-yr. seedlings, \$4.00 per 100; 250 for \$7.50.

HORSE-CHESTNUT

White Flowering. The well-known European species; very handsome; has magnificent spikes of white flowers borne in profusion and sweetly scented. 4 to 5 feet, \$1.00. 5 to 6 feet, \$1.50.

Red Flowering. A somewhat smaller tree, rarely over 30 feet high, with darker leaves and splendid showy red flower-spikes later. 3 to 4 feet, \$2.25.

JUNEBERRY (Amelanchier). Of picturesquely irregular branching growth; all-white in April with drifts of drooping, snowy flowers. Small purple, edible fruits in June. 3 to 4 feet, 75c each; 6 for \$4.00.

KOELREUTERIA paniculata (Varnish Tree). A rare tree, 25 to 30 feet high, showy in July, when spangled with foot-long clusters of golden yellow flowers and in autumn when foliage colors to crimson and gold. 4 to 5 feet, \$1.00. 5 to 6 feet, \$1.75.

KENTUCKY COFFEE TREE (Gymnocladus Canadensis). A fast growing tall tree with ascending branches uniquely free from cluttering branchlets, thus making a clean-cut silhouette. The bluish foliage is twice-pinnate, 2 to 3 feet long, of airy grace and beauty. Greenish white flowers in large panicles terminating the new branches of same season, are followed by picturesque clusters of large, flat, reddish seed pods persisting through the winter. 4 to 5 feet, \$1.75.

BLACK LOCUST. A pleasing native tree of quick growth, with deeply furrowed brown bark, quite content in dry sandy soil. Grown mostly in close groups in the borders of wooded backgrounds, or on the crest of knolls where its ferny or feather-like foliage gives a tropic suggestion. It is worthwhile if only for the delightful fragrance from its June flowers, white with yellow base-spots, hanging in dense racemes, 4 to 8 inches long. 6 to 8 feet, 90c. 8 to 10 feet, \$1.25.

LINDENS - Tilia

American. A stately tree, tall, with large, shining cordate leaves. Valuable for its beautiful white wood. It flowers in July. 6 to 8 feet, \$1.50. 8 to 10 feet, \$2.00.

European. Largely used for street and ornamental planting, developing into beautiful, round headed specimens; bloom very sweet scented. 6 to 8 feet, \$2.00. 8 to 10 feet, \$3.00.

MAGNOLIAS



Magnolia Soulangeana.

The following varieties are "Moss Balled and Burlapped," and not too heavy for express shipment.

Glauca (Sweet Bay). Best, planted in moist soil; but in the drier lawns is much smaller. Its broad leaves are glossy, almost evergreen. In June its large, waxy white flower-cups are lovely and exquisitely fragrant.

2 to 3 feet, \$2.00. 3 to 4 feet, \$3.00. 4 to 5 feet, \$4.00.

Soulangeana One of the hardiest and finest.

Its blossoms are from 3 to 5 inches across, cup-shaped, white and rosy violet, opening before its leaves which are massive and glossy. 2 to 3 feet, \$3.00.



THE MAPLES - Acer

Japan Red-Leaved. Rounded, dwarf trees seldom maturing to over 10 feet, densely furnished to the ground with indented leaves of unrivaled brilliancy and charm. Their early and midsummer aspect is

vivid blood-red, which dulls to a bronzy purple-red or bronze-green, towards fall.

Norway. A large handsome tree with a round head: broad, deep green, shining foliage. Very desirable for street, park or lawns.

Schwedler's. The "Purple Norway" Maple's beautiful leaves attract attention at all seasons, but are especially fine in spring, when their gleaming red and purple contrast brightly with the delicate green of other trees.

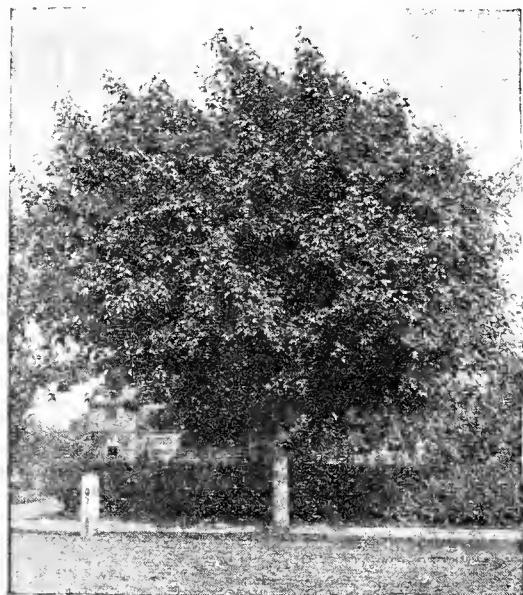
Scarlet or Red (*Acer rubrum*). A large tree with spreading branches. The earliest Maple to bloom, its beautiful red flowers appearing in late winter. In the fall its leaves turn to the most brilliant shades of red and scarlet.

Silver ("Soft" Maple). It makes a broad, bulky, but pointed topped tree; in shading size quicker than any other variety.

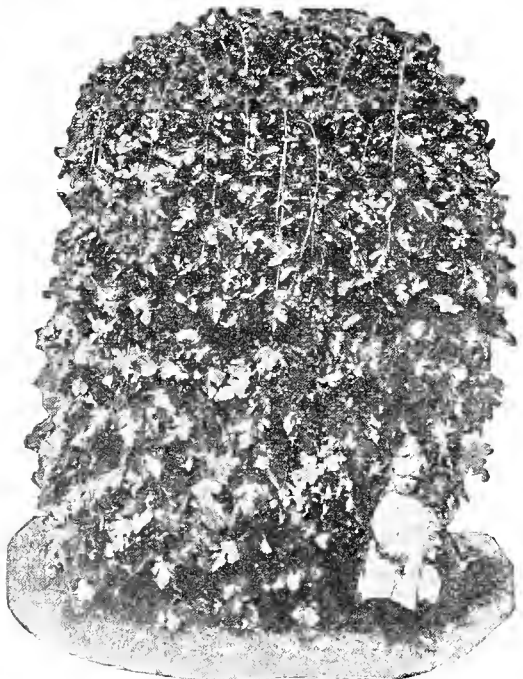
Sugar, or Rock ("Hard Maple"). This tree is chieftain of its clan; straight, spreading, symmetrical, of grand proportions, and longer lived than most men who plant it. Grows well in all except damp, soggy soils.

Wier's Cut-Leaved. A silver Maple with remarkable and beautifully dissected foliage. Of rapid growth; shoots slender and drooping.

See the beautiful fruit clusters of Magnolia *Glauca* and of Mountain Ash on color page F.



Norway Maple.



Teas' Weeping Mulberry.

Schwedler's Maple.

PRICES OF MAPLES:		Each	6
Japan Red-Leaved, 2½ to 3 feet	.....	\$3.50	
" 3 to 4 feet	.....	4.50	
Norway, 6 to 8 feet	.....	1.70	\$ 9.00
" 8 to 10 feet	.....	2.00	10.50
" 10 to 12 feet	.....	2.40	12.60
Scarlet (<i>Acer rubrum</i>), 6 to 8 feet	.....	2.25	
" " 8 to 10 feet	.....	3.25	
" " 10 to 12 feet	.....	4.25	
Schwedler's, 6 to 8 feet	.....	2.00	
" 8 to 10 feet	.....	2.50	
" 10 to 12 feet	.....	3.25	
Silver-Leaved, 8 to 10 feet	.....	.75	4.20
" 10 to 12 feet	.....	1.00	5.40
" 12 to 14 feet	.....	1.50	8.10
Sugar (or Rock), 6 to 8 feet	.....	1.70	9.00
" 8 to 10 feet	.....	2.00	10.50
" 10 to 12 feet	.....	2.40	12.60
Wier's Cut-Leaved, 6 to 8 feet	.....	1.00	
" 8 to 10 feet	.....	1.25	

MOUNTAIN ASH

(See illustration on color page F).

European. A broad-topped small tree. The fern-like foliage is dark and lustrous. In late summer and far into winter, the greatest beauty and effectiveness centers in the great number of large, dense fruit clusters of orange-red, which gleam brilliantly against the green of leaves, or denuded brown of branches.

6 to 8 feet	.....	\$1.00
8 to 10 feet	.....	1.40
10 to 12 feet	.....	2.00

TEAS' WEEPING MULBERRY

The most graceful hardy weeping tree in existence. Forms a perfect shaped head, with long, slender, willowy branches, drooping with airy grace to the ground. Useful in cemetery plantings; as well as for lawn specimens; dividing line hedges, and many other landscape uses. Grafted on stems 5 to 6 feet high. 1-yr. heads, \$1.25. 2-yr. heads, \$2.00.

OSAGE ORANGE

A medium sized spiny tree with spreading branches; rather large fernlike leaves of bright green which change to yellow in fall. Flowers are inconspicuous, but the succeeding orange-like fruits are attractive. It is chiefly utilized as a close, thorny, stock-turning hedge plant and allowed to grow fairly tall.

By express: 1 year, \$2.25 per 100; 250 for \$5.00.
By mail, postpaid: 100 for \$2.75.

Write us for quotations on larger sizes or quantities than are listed.



PIN OAKS

THE OAKS—Quercus

- Bur.** or "Mossy-Cup" (*Q. macrocarpa*). One of the hardiest Oaks, large, with furrowed bark and great wedge-shaped leaves. Succeeds best in the lowerlands; withstands smoke; but will not prosper in much shade.
6 to 8 feet, \$3.00. 8 to 10 feet, \$4.00.
- Pin.** Broad-based pyramids in habit; described as half-weeping when old, because its lower branches touch the ground. Magnificent, darkly lustrous leaves.
6 to 8 feet, \$2.00. 8 to 10 feet, \$2.50. 10 to 12 feet, \$3.00.
- Red.** A tall tree, with massive, broad top and thick trunk. Of comparatively quick growth, with immense, high-coloring leaves. 6 to 8 feet, \$2.50. 8 to 10 feet, \$3.25. 10 to 12 feet, \$4.00.

FLOWERING PEACH

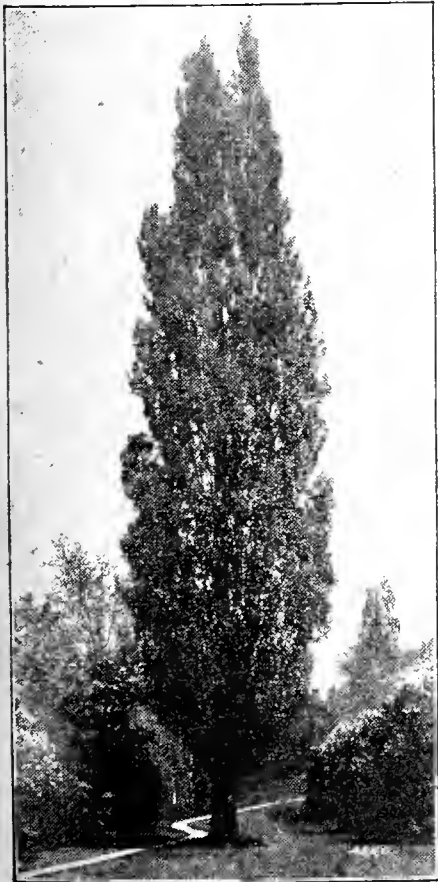
Beautiful small trees mainly used as and with shrubs. At their blooming time in May, every twig and branch is bright with perfectly formed double flowers.

Double Red. A deep rose-red shade; very bright.

Double White. Exquisite in the purity of its whiteness.

Both colors: 2 to 3 feet, 40c; 3 to 4 feet, 55c; 4 to 5 feet 75c.

THE POPLARS - Populus



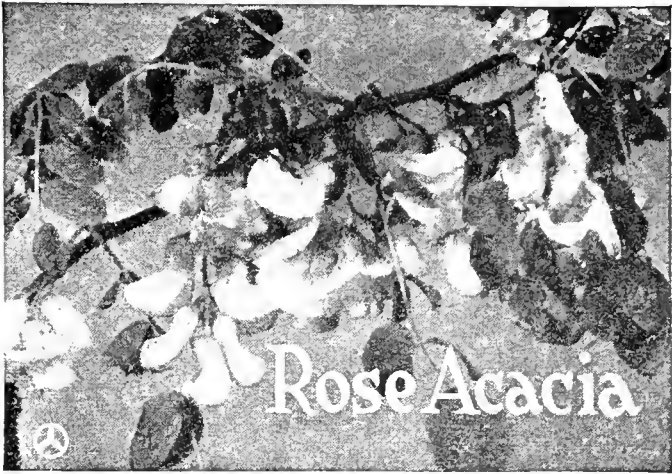
Lombardy Poplar.

Bolleana (Silver Leaf). Useful in breaking the monotony of lower round-topped trees. Will grow quickly to a tall spire. Its leaves are glossy green, silvery beneath, creating an attractive flashing effect when stirred by the winds. Often used in landscaping against blank wall spaces of high public buildings.

	Each	6
6 to 8 ft.	\$0.75	\$4.20
8 to 10 ft.	1.00	5.40
10 to 12 ft.	1.25	6.60

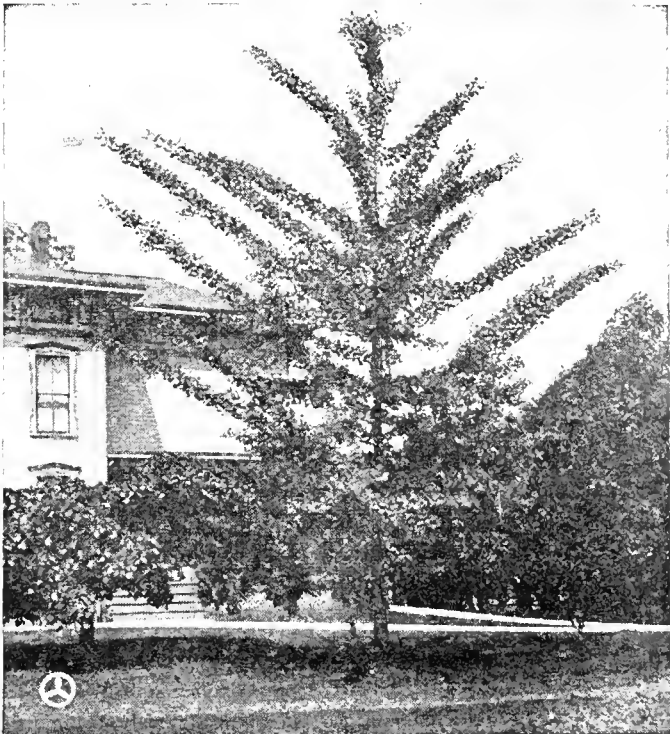
Lombardy. The selective appreciation of trained landscape builders is getting this fine type into much more general use. Old trees which were thoughtfully placed, are outstanding landmarks today; their great height, dense slenderness, and sombre silhouette against the skyline, a picturesque effect.

	Each	6
6 to 8 ft.	\$0.60	\$3.30
8 to 10 ft.	.75	4.20
10 to 12 ft.	1.00	5.40



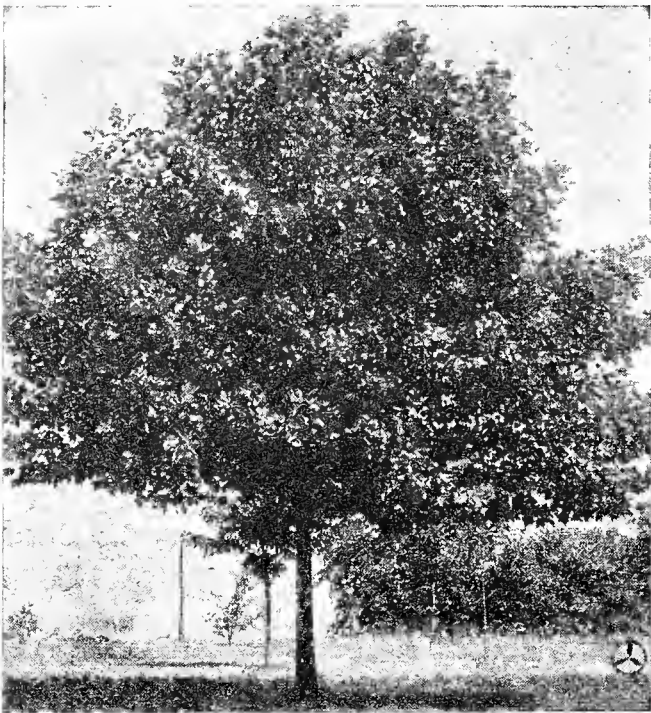
Rose Acacia

- RED BUD** (*Cercis canadensis*) (Judas Tree). A small growing tree of irregular form, with heart-shaped leaves. It is covered with delicate reddish pink blossoms early in spring before the leaves appear. This fits in well with Dogwoods, Cherries, Crabs, Thorns, etc., in tall groups designed specially for spring effectiveness.
3 to 4 feet, 60c; 4 to 5 feet, 85c; 5 to 6 feet, \$1.25.
- ROSE ACACIA** (Moss Locust). An elegant shrub, with light green pinnate leaves and long graceful clusters of pea-shaped, rose-colored flowers in June and often later. —Standard (top worked). 3 feet, \$1.75. 4 feet, \$2.25.
- RUSSIAN OLIVE** (*Elaeagnus angustifolia*). Useful in tall dense groups for sharp color contrasts. Tree attains a height of from 20 to 30 feet, bark dark green, foliage rich silver color, willow shape; flowers deep golden and very fragrant, followed by ornamental olive fruits. (See illustration on colorpage F).
2 to 3 feet, 40c. 3 to 4 feet, 50c. 4 to 6 feet, 75c.
- SALISBURIA** (Ginkgo or Maiden Hair Tree). A rare elegant tree from Japan with singular, almost fern-like foliage unlike that of any other tree; of free growth, with angular, independent branches each quite distinct.
5 to 6 feet, \$1.50. 6 to 8 feet, \$2.50.
- SOPHORA JAPONICA** (Pagoda Tree). A beautiful round-headed slow-growing Korean tree of true oriental appearance, holding its leaves very late. The leaves are odd feather-form; with numerous 2-inch leaflets, opposite, round-based but pointed, lustrous dark green above, gray and hairy beneath. The stems and even fairly old branches remain bright green. Eventually, long panicles of pea-shaped, creamy white flowers will appear.
3 to 4 feet, \$1.25. 4 to 5 feet, \$2.00.
- WITCH HAZEL.** Valuable because its fringe-like yellow flowers open in November. Grows 10 to 15 feet tall, with fine leaves that color to yellow, orange or purple in fall and drop before the bright yellow flowers appear. Likes a moist sandy or peaty soil and partial shade.
3 to 4 feet, 70c. 4 to 6 feet, \$1.00.



Ginkgo Tree (Salisburia).

★ Reminding you that we have thousands of Specimen trees. Do not fail to consult us if large trees are desired.



European Sycamore.



Spring Beauty of the Flowering Thorns.

SYCAMORE, EUROPEAN. The well-known Oriental Plane (*Platanus orientalis*). Used in great numbers to create vistas of dense green shade, along new streets which require quick development of shade and ornamentation. A lofty, wide-spreading tree with deeply lobed palmate leaves; valuable for its handsome foliage, hardiness, and fast, free growth.

	Each	6
8 to 10 feet	\$1.25	\$ 6.90
10 to 12 feet	1.60	8.40
12 to 14 feet	2.25	12.00

YELLOW WOOD (*Virgilia Lutea*). One of the most beautiful medium-sized native flowering trees, growing to 50 feet. It has a short trunk and wide, rounded head of handsome foliage that colors clear yellow in fall. In June it is showy and fragrant, with long, drooping racemes of white, pea-shaped flowers. 3 to 4 feet, \$1.75.

THE FLOWERING THORNS
(*Crataegus*)

PRICE Of All Varieties: 3 to 4 feet, \$1.00.
4 to 5 feet, \$1.50. 5 to 6 feet, \$2.00.

- Coccinea** (Thicket Thorn). Single white flowers, followed by scarlet fruits. A fine small tree of densely branching growth, useful for creating impenetrable backgrounds.
- Cordata** (Washington Thorn). Forms a round topped head, leaves heart-shaped. Flowers white with rose-colored anthers.
- Crus-galli** (Cockspur Thorn). Widely extended horizontal branches, flat-topped effect. Flowers white with tinge of red.
- Nitida** (Glossy Hawthorn). Tall growing, heavily spined; long glossy leaves coarsely toothed; 1/2-inch fruits dull red.
- Oxyacantha** (English Hawthorn). White single flowers appearing when the leaves are nearly full grown, followed by conspicuous scarlet fruits.
- Paul's Double Scarlet.** Flowers deep crimson-scarlet; very double. This is one of the most attractive small trees for solitary specimens or groups, as showy in fruit as when in bloom.

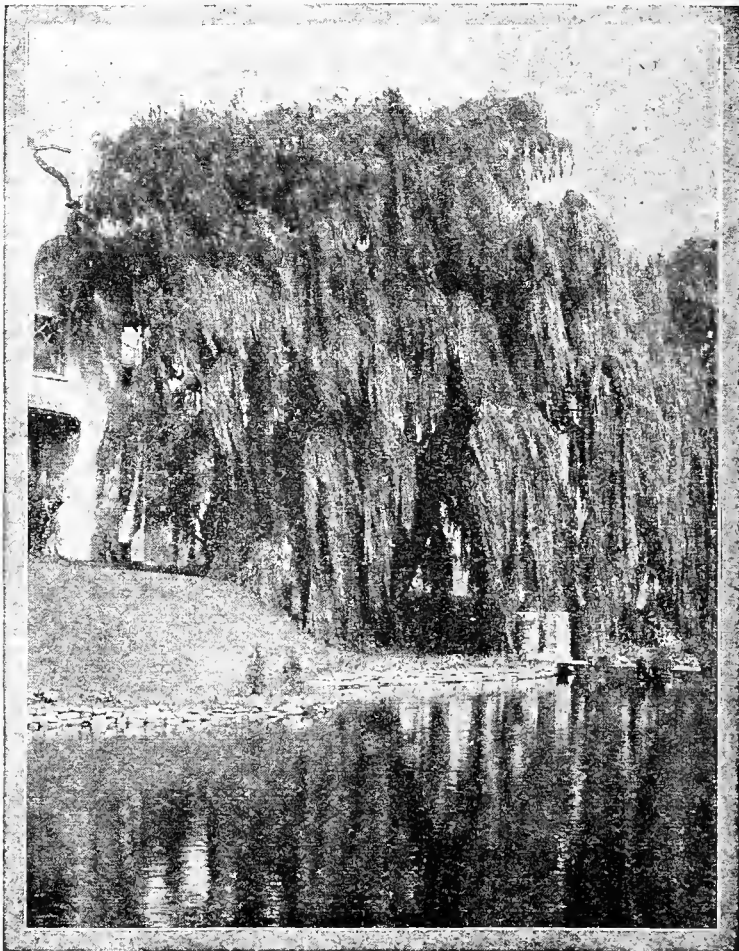
THE WILLOWS [*Salix*]
UPRIGHT

- Gold Bark.** Showy, with golden bark conspicuous during winter.
- Britzensis.** Deep bronze bark.
- Laurel Leaved.** A splendid ornamental small tree, with large, glossy, dark laurel-like leaves, whence its name.
- Regalis** (Silver Leaf). A large tree, with short, thick trunk and yellowish brown branches, the foliage a silvery ash gray.

WEeping

- Babylonica.** A graceful tree of large size. Its fresh, bright green tint and long, wavy branches make it very attractive.
- Niobe.** (Golden Weeping). Slender leaves, green above, silvery beneath; the twigs and bark a strong golden yellow; the hardiest gold-barked Willow for the far North.
- Wisconsin.** A babylonica with more slender leaves and hardier. This is the most generally planted variety, and makes immense broad-topped specimens.

PRICE OF WILLOWS			Each	6
Babylonica,	6 to 8 feet	.....	\$1.25	
"	8 to 10 feet	.....	1.75	
"	10 to 12 feet	.....	2.25	
Britzensis (Bronze)	6 to 8 feet	.....	1.25	
"	8 to 10 feet	.....	1.75	
"	10 to 12 feet	.....	2.25	
Gold Bark,	6 to 8 feet	.....	.90	
"	8 to 10 feet	.....	1.30	
"	10 to 12 feet	.....	1.75	
Laurel-Leaved,	6 to 8 feet	.....	1.00	5.40
"	8 to 10 feet	.....	1.40	7.50
"	10 to 12 feet	.....	1.75	
Niobe (Golden Weeping),	6 to 8 feet	.....	1.25	6.90
"	8 to 10 feet	.....	1.50	8.40
"	10 to 12 feet	.....	2.00	
Regalis (Silver)	5 to 6 feet	.....	1.25	
"	6 to 8 feet	.....	2.00	
Wisconsin,	6 to 8 feet	.....	1.25	6.90
"	8 to 10 feet	.....	1.50	8.40
"	10 to 12 feet	.....	2.00	10.50





The Shrubs and Plants Give Summer Cheer; but Evergreens Work All the Year.

EVERGREEN TREES

CASH and CARRY Discount on Evergreens **10%**
Taken Away

Our Evergreens are all carefully grown, at good distances for symmetrical development, are root and top-pruned into handsome, shapely specimens that will transplant successfully to new homes with ordinary care. We pack them so that the root-fibers are well protected and will reach their destination in good growing condition. If planters will continue this care to keep the fibers from drying out by exposure to air and sun until the stock is planted, success is reasonably sure.

All S & H **MOSS-BALLED** and Burlapped
Evergreens in the Field

ARBOR-VITAE [Thuya]

American (White Cedar). Erect, pyramidal habit with soft bright green foliage, dense from ground up; grows rapidly and soon forms a most beautiful tree for any purpose. Like other types of Arbor-vitae, the American can be trimmed at will, or even closely sheared when sufficiently developed to present formal lines and surface as a hedge.

Each	Each
2 to 2½ feet .....\$1.00	4 to 5 feet .....\$2.75
2½ to 3 feet 1.40	5 to 6 feet 4.00
3 to 4 feet 1.90	6 to 8 feet 6.00

Compacta (Parsons). Dwarf, dense little trees with light green foliage, neat and attractive. Useful for beds, borders, cemeteries or low-growing hedges.

Each	Each
15 to 18 inch .....\$1.00	2 to 2½ feet .....\$1.85
1½ to 2 feet 1.40	2½ to 3 feet 2.50

Douglas Golden. One of the hardiest. Broad bushy growth with slender branches and bright yellow foliage.

Each	Each
2 to 2½ feet .....\$1.85	2½ to 3 feet .....\$2.50

Ellwangeriana. A low, broad tree with slender branches, and feathery gray-green foliage.

Each	Each
15 to 18 inch .....\$1.00	2 to 2½ feet .....\$1.85
1½ to 2 feet 1.40	

Globosa. Forms a dense, low, natural globe; for spacing at intervals along a foundation planting foreground, or to define driveway curves. Requires very little trimming.

Each	Each
15 to 18 inch .....\$1.00	2 to 2½ feet .....\$1.85
1½ to 2 feet 1.40	

Hovey's Golden. A low-growing, hardy tree, elliptical in form and very compact. Foliage light green with a golden tinge, very distinct, bright and pleasing shade.

Each	Each
15 to 18 inch .....\$0.90	2 to 2½ feet .....\$1.85
1½ to 2 feet 1.40	

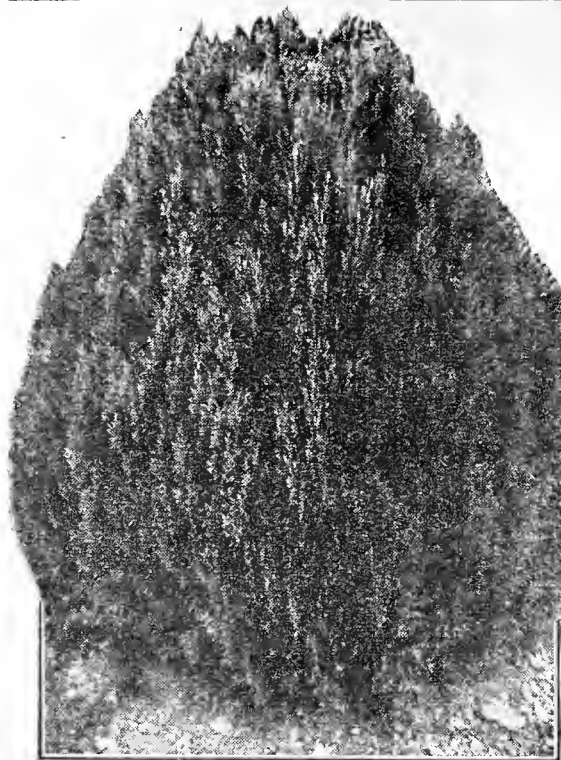
Lutea (George Peabody). A beautiful columnar variety, less bulky than American, with strong golden diffusion.

Each	Each
2 to 2½ feet .....\$2.00	3 to 4 feet .....\$3.50
2½ to 3 feet 2.75	

Please Note! We are going back to the old nursery way of digging evergreens without a ball of earth in which they grew, attached. We have come to the conclusion it is better to dig carefully; gently remove the soil, replacing it with wet moss or excelsior, the entire protected root-system then sewed into a burlap container. Eliminating the accustomed 40 to 80 pounds of hard soil will make so important reduction in weight of both tree and the type of box required, that customers can now afford to **Ship Evergreens by Express**. Express shipments will save several days to weeks in railroad transportation, besides ensuring prompt delivery to your door. This brings you the roots still moist, the valuable fibrous roots unbroken; thus giving a better chance for success.



Door-side Buddies—Globosa and Pyramidalis.



Oriental Arbor-Vitae. (Similar to Hovey's).

ARBOR-VITAE Cont'd

Oriental. A comparatively low, broadly pyramidal tree, native of Asia. Its color is a refreshing yellowish green similar to Hovey's, although dulling to bronzy green in winter.

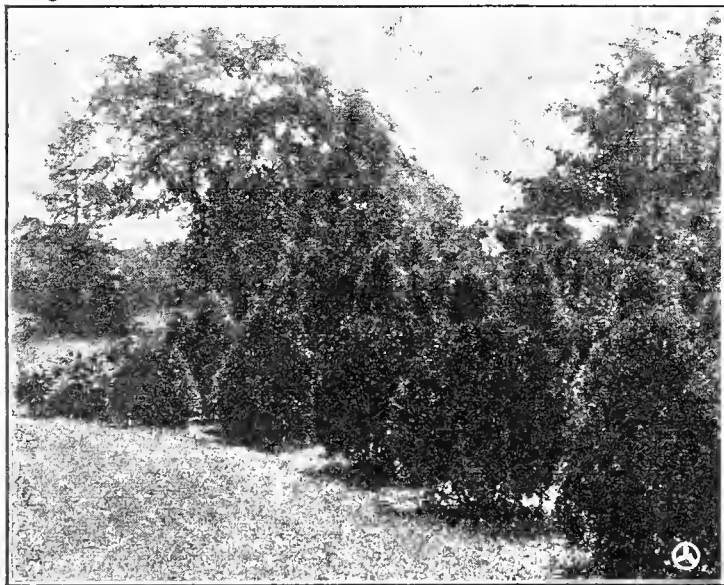
	Each
2 to 2½ feet	\$1.00
2½ to 3 feet	1.50
3 to 4 feet	2.00
4 to 5 feet	3.00

Pyramidalis. A densely columnar type, most compact and erect of the entire species, at 12 feet high averaging 24 to 30 inches in diameter. Foliage a deep green, retaining color. The most popular pyramid for flanking the stoops in colonial architecture.

	Each
1½ to 2 feet	\$0.90
2 to 2½ feet	1.25
2½ to 3 feet	1.75
3 to 4 feet	2.25
4 to 5 feet	3.25
5 to 6 feet	4.75

Siberian. A superb hardy variety, somewhat similar to American, with heavier and fuller foliage and more compact habit; bears trimming well. This variety is extensively used for backgrounds in foundation plantings, where dense bushiness is required, rather than height.

	Each
1½ to 2 feet	\$0.90
2 to 2½ feet	1.50
2½ to 3 feet	2.00
3 to 4 feet	3.00
4 to 5 feet	4.25



A group of shaped Siberian Arbor-Vitae.

CYPRESS

Nootka Sound (*C. Nootkatensis*). A choice broadly pyramidal evergreen with glaucous green (or slate blue) leaves and spreading, curving branches drooping at the tips.

	Each
1½ to 2 feet	\$2.00
2 to 2½ feet	2.50
3 to 4 feet	3.50

FIR [Abies]

Balsam Fir. Cone-shaped; dark green leaves, silvery beneath.

	Each
2 to 2½ feet	\$2.25
2½ to 3 feet	3.00
3 to 4 feet	3.75

Concolor (White Fir). A picturesque broad-based, tapering tree; long leathery leaves, with glaucous tinge when young, becoming pale green with age. Branches in horizontal whorls.

	Each
2 to 2½ feet	\$3.25
2½ to 3 feet	4.00
3 to 4 feet	5.25

Douglas (*Pseudotsuga Douglasi*). Very tall growing with red-brown bark. Leaves light green above, glaucous below. Of thickly conical form, spreading branches, and pendulous branchlets.

	Each
2½ to 3 feet	\$2.25
3 to 4 feet	3.00
4 to 5 feet	4.25



Concolor Fir.

JUNIPER [Juniperus]

For slender columns, you can choose from Chinese, Irish, Swedish, and the Virginian varieties; Irish being thinnest and bluest, Chinese the darkest and thickest except for the bulky columnar red cedars in blue, green, bronze and yellow shades. For ground covering and extensive rockery schemes, *Horizontalis*, *Pfitzer's*, *Savin* and *Tamariscifolia* are practical, also in selective colors. Dwarf Swedish and *Spiny Greek* are the shortest growing of the columnar type; *Pfitzer's* will best stand up under smoky, gaseous city conditions.



Chinese Juniper.

Canadensis. A very hardy, dense, grayish green type of especial value in rockeries and for ground covering. The main branches are usually numerous and procumbent; well furnished with upright branches. Seldom over four feet high.

1½ to 2 ft. spread	\$2.00
2 to 2½ ft. spread	2.50

Chinensis (Chinese). One of the best evergreens. Pyramidal or columnar outline; foliage a pleasing grayish green color when fresh, maturing to real dark green. Adaptable to extremes of temperature and association.

Each	Each
2 to 2½ feet \$2.50	4 to 5 feet 4.75
2½ to 3 feet 3.00	5 to 6 feet 6.50
3 to 4 feet 3.75	

Excelsa (Greek). Compactly columnar, making tall, handsome specimens of continuing fresh green color.

Each	Each
2 to 2½ feet \$1.50	3 to 4 feet \$2.75
2½ to 3 feet 2.00	4 to 5 feet 3.75

Stricta (Spiny Greek).

A distinct variety with a peculiar, blue-green shade of color. Dwarf, very dense, cone-shaped; slow growing and useful in foundation plantings or edgings.

Each
1½ to 2 feet ..\$2.25
2 to 2½ feet .. 3.00
2½ to 3 feet .. 4.00

Horizontalis. A handsome, serviceable ground covering type of closely radiating habit, the foliage more thread-like and distended than in *Tamariscifolia*, yet denser and more prostrate than *Waukegan*; the color a fresh gray-green. Sizes given mean spread.

Each
1½ to 2 feet ..\$1.50
2 to 2½ feet .. 2.00
2½ to 3 feet .. 3.00



Spiny Greek Juniper.

JUNIPER—Concluded

Irish Erect, slender and formal in habit; foliage sage green, very compact; making a splendid column eventually 15 to 20 feet high; much used in cemeteries. Each

1½ to 2 feet	.....\$1.00
2 to 2½ feet	..... 1.50
2½ to 3 feet	..... 2.00
3 to 4 feet	..... 2.50
4 to 5 feet	..... 3.50

Pfitzer's (*J. Pfitzeriana*). One of the most striking of all evergreens. The branches progress spirally along the trunk at a 45-degree angle, thereby making a good "filler"; or standing alone, it acquires the symmetry of a broken column. The branches are long and whip-like, densely furnished, very dark green; the first new growth thickly studding the expanse like silver beads. Either "flat" or "upright."

Each		Each	
1½ to 2 feet	....\$1.75	2½ to 3 feet	....\$3.00
2 to 2½ feet	.... 2.50	3 to 3½ feet	.... 4.50

Savin (*J. Sabina*). Handsome moss green foliage; adapted to use as a filler in Evergreen groups, or as a semi-dwarf ground cover. Each

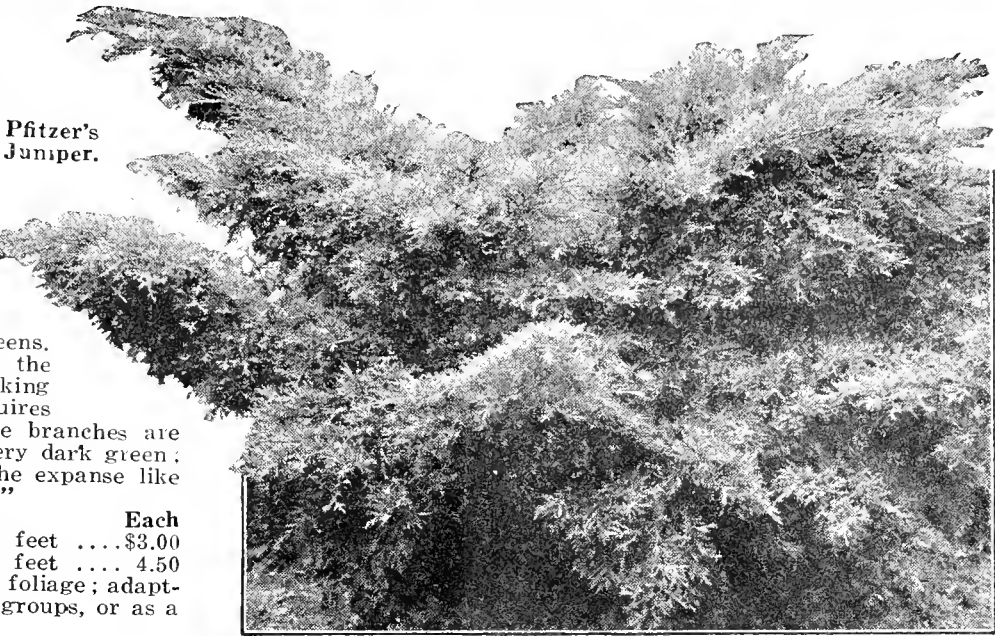
15 to 18 inches	.....\$1.25
1½ to 2 feet	..... 1.75
2 to 2½ feet	..... 2.50
2½ to 3 feet	..... 3.00
3 to 3½ feet	..... 4.50

Scopulorum (*Colorado Juniper*). Refined, compact, narrowly upright with but one central stem; variable in color from light blue to green, bluest during the hot summer. Each

2½ to 3 feet	.....\$2.75
3 to 4 feet	..... 3.50



Blue Cedar.



Pfitzer's Juniper.

Squamata Meyeri. An upright form of a naturally decumbent type, much branched with short straight branchlets. Valued for its density and for its brilliant steel blue color. Each

1½ to 2 feet	.....\$2.00
2 to 2½ feet	..... 2.50
2½ to 3 feet	..... 3.25

Swedish (*J. suecica*). Tall growing, of formal, columnar habit. One of the hardiest and most reliable pillar types. The foliage is dense, fairly broad, with drooping tips; in color glaucous green somewhat lighter and bluer than the Irish Juniper. Each

2 to 2½ feet	.....\$1.25
2½ to 3 feet	..... 1.75
3 to 4 feet	..... 2.25
4 to 5 feet	..... 3.25

Dwarf Swedish (*J. suecica nana*). A dwarf variety, compact in habit, hardy; foliage light green, not changing in winter. Each

1½ to 2 feet	.....\$1.25
2 to 2½ feet	..... 1.75
2½ to 3 feet	..... 2.25
3 to 4 feet	..... 2.75
4 to 5 feet	..... 3.50

Tamariscifolia (*Tamarix-Leaved*). A beautiful trailing form of Savin, with bluish green foliage. The construction is dense and very fine like a Tamarix foliage, especially attractive when showing new growth.

Spread:		Each
15 to 18 inches	.....	\$1.50
1½ to 2 feet	.....	2.00
2 to 2½ feet	.....	2.60
2½ to 3 feet	.....	3.50

Virginiana (*Red Cedar*). Fine, dense foliage; thickly columnar varying in habit and color, the majority being formal and bluntly conical. Each

2 to 2½ feet	.....\$1.50
2½ to 3 feet	..... 2.00
3 to 4 feet	..... 2.50
4 to 5 feet	..... 3.75
5 to 6 feet	..... 5.50
6 to 8 feet	..... 8.00

Virginiana Cannarti. A newly derived type resembling Schotti in leaf and character, midway in color between the pronounced yellowish green of that variety and the darkness of Virginiana.

Virginiana elegantissima (*Gold Tip Cedar*). Of deliberate bushy growth, the branches gracefully curving. In early summer the long white-gold tips of new growth are superb.

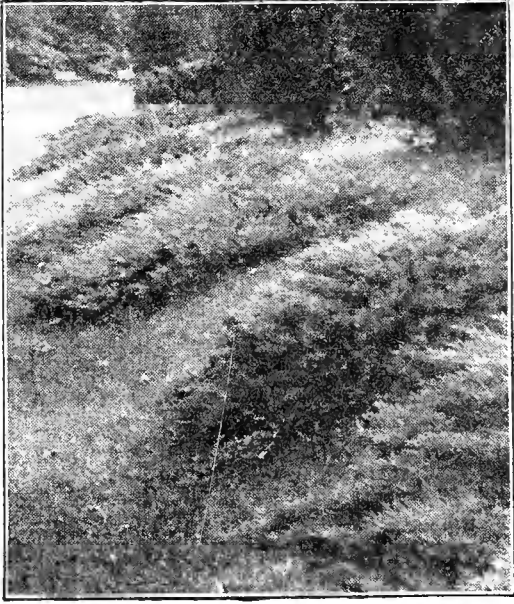
Virginiana glauca (*Blue Cedar*). Unlike so many varieties it is not at all formal, but without losing general compactness, its regularity of spread is uniquely attractive; the broadly conical form and beautiful glaucous blue foliage making it one of the choicest of all Junipers.

Virginiana Schotti. A densely columnar form of the Red Cedar with yellowish bronze-green foliage of feathery texture. The extra-abundant blue berries are very attractive.

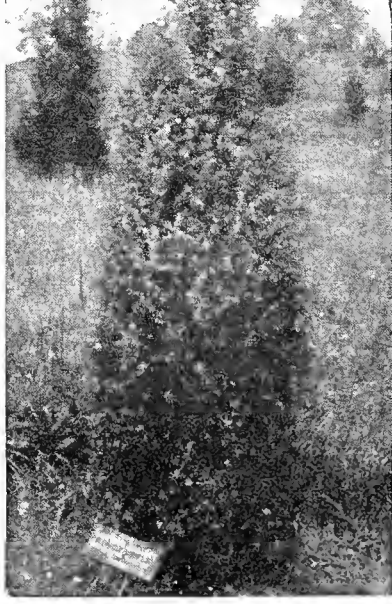
Above Four Varieties:		Each
2 to 2½ feet	.....	\$2.50
2½ to 3 feet	.....	3.25
3 to 4 feet	.....	4.00
4 to 5 feet	.....	5.00
5 to 6 feet	.....	7.00



Juniperus Horizontalis. (Page 82).



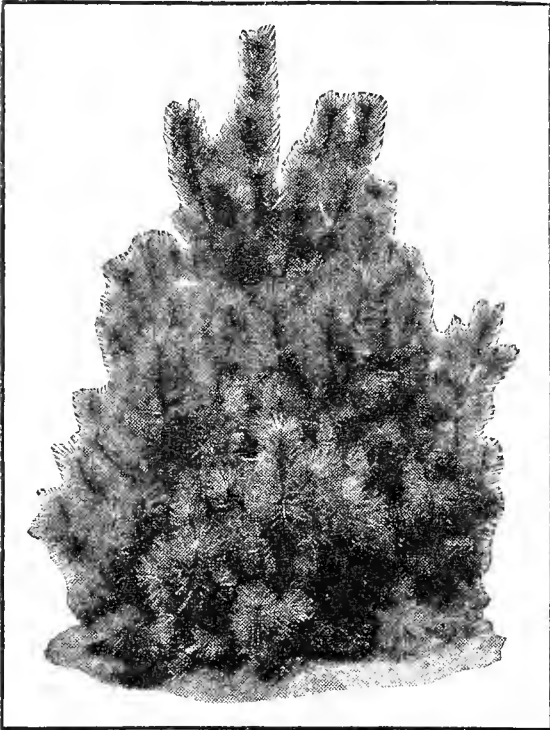
Juniperus Tamariscifolia.



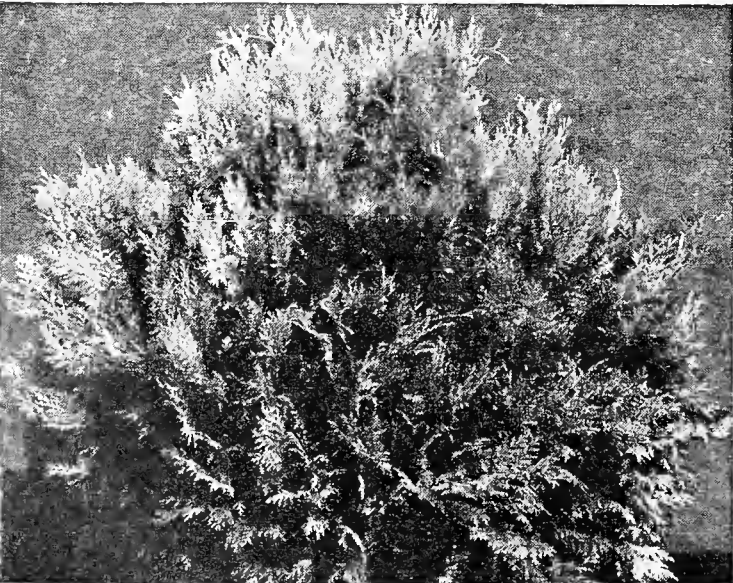
Swedish Juniper.



Austrian Pine.



Scotch Pine.



Retinospora Pisifera.



Edge of the Lawn—A Delightful Use for Evergreens.

THE STATELY PINES [Pinus]

Pine trees rank high among Nature's most majestic trees. Even the smaller nursery sizes are typical of their matured expression; and because of their massive character and rich coloring, at once assume importance and give a tone of dignity to the landscape. Plant Pines for perpetuity.

Austrian (*P. Austriaca*). Broad-based, heavily needled, massive; darkest and richest green of the Pines, silhouetting to inky blackness against the sky-line. Quite densely and evenly branched, well furnished with attractive tufts of foliage, the new growth erect and silvery like candles set along the twigs. It is hardy and vigorous in growth, well able to withstand the onslaught of fierce winds; consequently is adapted to use as a tall wind-break, planted fairly close. For specimen lawn planting, it is superb; but must be so located that its tall upward growth and wide spread may not be impeded.

2	to 2½ feet	.....	Each \$1.75
2½	to 3 feet	.....	2.25
3	to 4 feet	.....	3.00
4	to 5 feet	.....	4.00
5	to 6 feet	.....	6.00

Mugho (*P. montana mughus*). The only genuine dwarf Pine. Leaves short, stiff, formal, thickly distributed in tufts in a crowded way somewhat similar to Austrian; with an equal depth and richness of color. Does not grow tall but spreads out, generally in a globular form; very dense. Popular in foundation plantings; for markers in angles of the walks; and on the crest of terraces.

12	to 15 inches	.....	Each \$1.10
15	to 18 inches	.....	1.60
18	to 24 inches	.....	2.25

Japanese Red Pine (*P. resinosa*). Hardest ornamental Pine as to soil and coldness; of massive character, round-topped at maturity, well fitted to bold landscape effects. Resembles Austrian but has more slender, softer, denser needles, dark green without glare; stubby russet-brown cones.

	Each
2 to 2½ feet	.....\$1.25
2½ to 3 feet	..... 1.75
3 to 4 feet	..... 2.25
4 to 5 feet	..... 3.25

Scotch (*P. sylvestris*). Like the Austrian, its quick, strong growth makes it valuable for protective screens; very hardy. As a rule it grows taller than Austrian, with softer needles, and shows a hint of reddish brown in its bark and forming cones.

	Each
2 to 2½ feet	.....\$1.75
2½ to 3 feet	..... 2.25
3 to 4 feet	..... 3.00
4 to 5 feet	..... 4.00
5 to 6 feet	..... 6.00
6 to 8 feet	..... 8.00

White (*P. strobus*). A strong featured, rapid growing tree; with abundant silvery green foliage, in long swaying clumps of soft needles. Attains great height and picturesque spread with age.

	Each
5 to 6 feet	.....\$5.00
6 to 8 feet	..... 7.00

RETINOSPORA JAPAN CYPRESS

Filifera. The leading shoot grows upright but the threadlike branches are nearly horizontal, with long, drooping tasseled ends. Bright green, against red-brown bark.

1½ to 2 feet	.....\$1.75	2½ to 3 feet	.....\$3.00
2 to 2½ feet	..... 2.25	3 to 4 feet	..... 4.00

Filifera Aurea. A bright gold-tipped form of above.

15 to 18 inch	.....\$2.00	2 to 2½ feet	.....\$3.75
1½ to 2 feet	..... 2.75		

Pisifera. Open and tall in growth, with erect branches pendulous at tips; foliage lacy, light green, glaucous beneath.

2 to 2½ feet	.....\$1.75	3 to 4 feet	.....\$3.00
2½ to 3 feet	..... 2.25	4 to 5 feet	..... 4.00

Plumosa. A handsome, cone-shaped evergreen of medium tall growth, with billowing, light green foliage.

Plumosa aurea. Like the preceding, a tree of great beauty; foliage soft plumelike golden yellow, close and compact.

Both Above:		3 to 4 feet	.....\$3.00
2 to 2½ feet	.....\$1.50	4 to 5 feet	..... 4.25
2½ to 3 feet	..... 2.25	5 to 6 feet	..... 6.00

Squarrosa Veitchi (Gray Cypress). Dense, rounded, bubbling growth; the silvery blue foliage arranged in soft feathery spirals. Best adapted to semi-shade.

1½ to 2 feet	.....\$1.25	3 to 4 feet	.....\$3.00
2 to 2½ feet	..... 1.75	4 to 5 feet	..... 4.00
2½ to 3 feet	..... 2.25		

HEMLOCK [Tsuga Canadensis]

The best evergreen in heavy shade, both beautiful and dependable wherever used. Its refined foliage is lacy, close-set and darkly lustrous, in rather flat fronds which droop gracefully. Although capable of great height, it is best known as a moderate grower adapted to severe pruning; used at corner, or as foundation screens; or in formally sheared high hedges.

Each		Each	
1½ to 2 feet	\$1.25	3 to 4 feet	\$3.00
2 to 2½ feet	1.75	4 to 5 feet	4.50
2½ to 3 feet	2.25		

SPRUCE [Picea]

Spruces have the stiffest, hardest-coated needles; which quite efficiently protect the trees from absorbing too much dust, smoke and gas between cleansing rains.

American White (P. alba). One of the very best conifers, especially for cold climates. Compact, upright growing, long lived, retaining its branches to the ground, aromatic, drought-resisting; varies in color from light green to glaucous blue.

Each		Each	
1½ to 2 feet	\$1.25	2½ to 3 feet	\$2.25
2 to 2½ feet	1.75	3 to 4 feet	3.00

The
Elegant

Blue
Spruces



Colorado Blue Select (P. pungens glauca). A selected blue shade, from Picea pungens. This is one of the showiest and most impressive evergreens, surpassed only by the grafted Koster's Blue Spruce. The blue shade usually improves with age.

Each		Each	
2 to 2½ feet	\$3.00	3 to 4 feet	\$6.00
2½ to 3 feet	4.50	4 to 5 feet	8.00

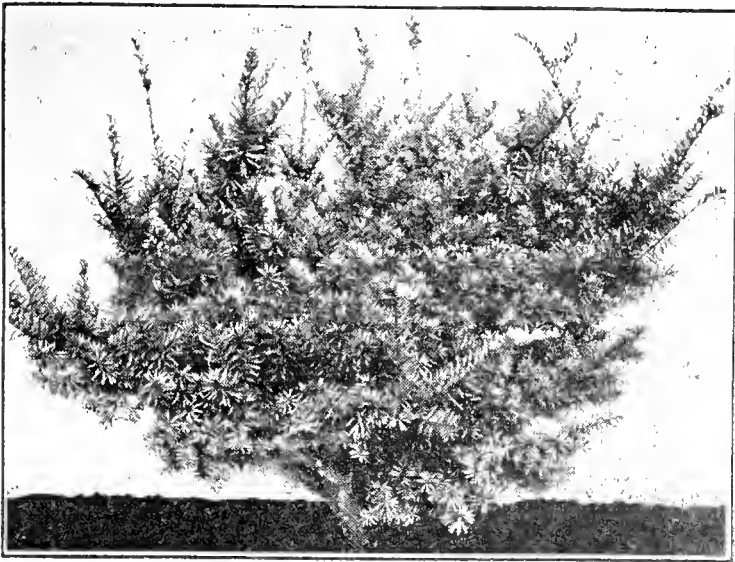
Koster's Blue Grafted The aristocrat of the evergreen family; expressing the nearest to perfection in symmetry, uniform development and broadly pyramidal grace. Its color is the truest, most persistent blue found in any known tree.

Each		Each	
15 to 18 inch.	\$2.75	3 to 4 feet	\$10.00
1½ to 2 feet	3.75	4 to 5 feet	15.00
2 to 2½ feet	5.00	5 to 6 feet	22.00
2½ to 3 feet	7.00		

The Christmas Tree Spruce

Norway A lofty, noble tree of open, pyramidal habit, exceedingly picturesque. Very popular and effective in evergreen groups, and one of the best evergreens for hedges.

		Each	6
1½ to 2 feet		\$1.00	\$ 5.40
2 to 2½ feet		1.40	7.50
2½ to 3 feet		1.90	10.50
3 to 4 feet		2.25	12.00
4 to 5 feet		3.00	16.50
5 to 6 feet		4.50	24.00
6 to 8 feet		6.00	33.00



Taxus Cuspidata Brevifolia.

YEW [Taxus]

Cuspidata. The beautiful Upright Japanese Yew of moderate bushy growth, the upright-spreading branches densely clothed with short leaves of dull green.

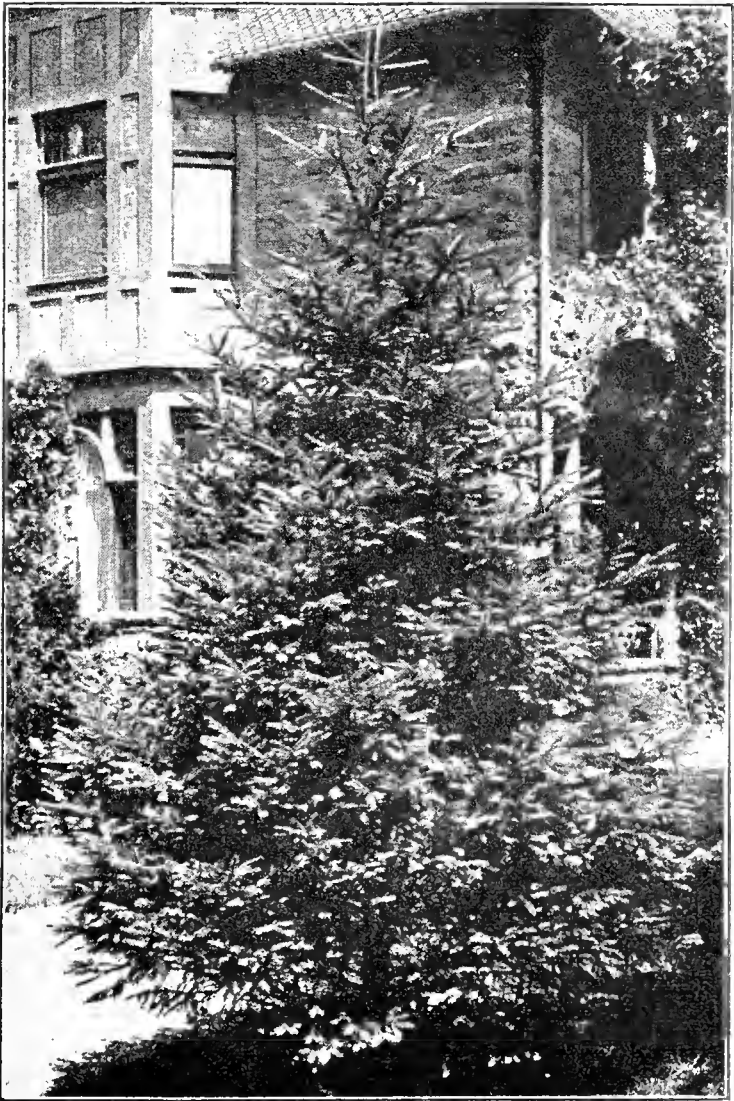
Each		Each	
12 to 15 inch	\$1.50	1½ to 2 feet	\$2.75
15 to 18 inch	2.00	2 to 2½ feet	4.00

Cuspidata Brevifolia. (Dwarf Japan Yew) Short, richly dark green leaves, dense bushy habit. Hardy, close set, slow-growing; one of the best dwarf evergreens.

Each		Each	
12 to 15 inch	\$2.00	1½ to 2 feet	\$4.00
15 to 18 inch	2.75	2 to 2½ feet	5.50

Media Hicksi. A beautiful, dense columnar form.

Each		Each	
1½ to 2 feet	\$3.00	2½ to 3 feet	\$6.00
2 to 2½ feet	4.00		

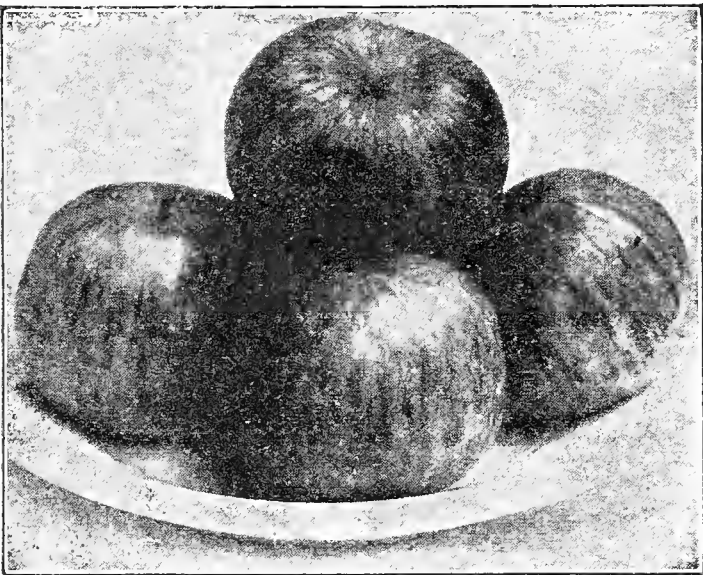
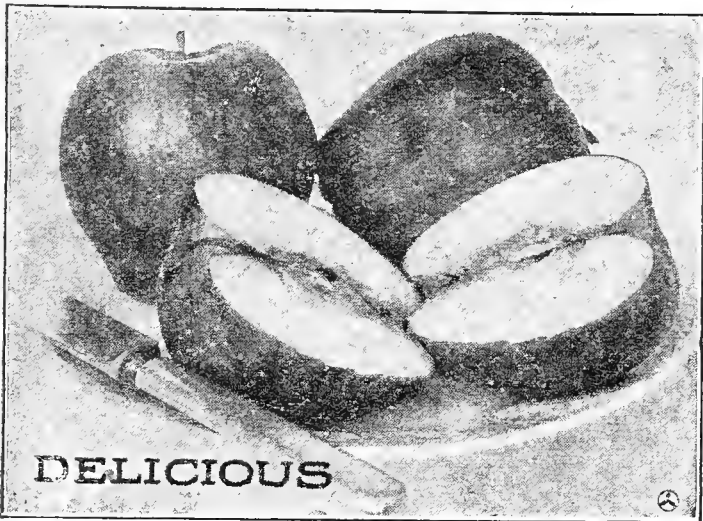


Norway Spruce Set as a "Living Christmas Tree."

FRUIT TREES

Highest Quality
True to Name

81 YEARS the Storrs & Harrison Co. has been growing and furnishing first quality, true-to-name Fruit Trees to American orchardists and home-owners; and enjoys an unimpeached reputation for reliability and fairness. That is your protection. Our legal protection is claimed in the Non-Warranty clause on introductory page.



Duchesse of Oldenburg.



McIntosh Apples.

QUOTATIONS. We would be pleased to quote prices to any one desiring different varieties or stock in larger quantities than offered herein. In sending list, state definitely the number of each variety and size wanted.

CERTIFICATE OF INSPECTION, issued annually by the Ohio Department of Agriculture, showing freedom of our stock from San Jose Scale and other injurious insects and disease, will be attached to every shipment.

SUBSTITUTION. We reserve the right, in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with correct name)—unless the party ordering says, “No Substituting,” in which case we will fill order as completely as we can and refund balance of remittance.

PRICES in this department are for Express, Freight, or other delivery, at customer's expense; except where specially offered in Mail Size, postpaid.

APPLES

Should be set 40 feet apart each way.

PRICE OF APPLES	Each	10	100	MAIL SIZE
4½ ft. and up	\$0.85	\$7.50	\$60.00	70c each;
3½ to 4 ft. ....	.70	6.00	50.00	3 for \$2.00
3 to 3½ ft. ....	.60	5.00	37.50	postpaid

SUMMER APPLES

- Bough.** Large, pale yellow; tender, sweet. August.
- Early Harvest.** Medium, pale yellow, tender, juicy.
- Golden Sweet.** Large, pale yellow, very sweet.
- Red Astrachan.** Large, beautiful deep crimson.
- Yellow Transparent.** Earliest and best of the early kinds; white, tender, juicy, sprightly, sub-acid.

AUTUMN APPLES

- Duchesse of Oldenburg.** Good size, yellow, streaked red, juicy, rich, sub-acid, productive. Bears young.
- Gravenstein.** Large, striped, fine quality; one of the best. Aug.
- Maiden Blush.** Large, beautiful blush cheek.
- Melba.** A new Central Canadian introduction, resembling McIntosh in aroma, flesh and flavor; but of different shape, with attractive red-stripe color.
- Rambo.** Medium, yellow, streaked red.

WINTER APPLES

- Baldwin.** Large, bright red, crisp, juicy, rich.
- Banana.** Early bearer. Yellow shaded bright crimson; flesh fine grained, rich sub-acid, aromatic, highest quality.
- Cortland.** A derivation from McIntosh; two weeks later. Thrifty, early producing and long lived. Fruits abundant, large, round, with heavy overlay of shaded reds; brittle texture, luscious juiciness, with sprightly flavor.
- Delicious.** Fruit large, dark red, flesh fine grained, crisp and melting, juicy with a delightful aroma; annual bearer.
- Grimes.** Good size, yellow, productive, of highest quality.
- King** (of Tompkins County). Large, striped, productive.
- McIntosh.** Deep crimson, highest quality, juicy, sub-acid.
- Northern Spy.** Large, striped, mild sub-acid and tender, with a rich, delicious flavor.
- Opalescent.** Light, shading to dark crimson, susceptible to high polish; flesh yellowish, tender. December to March.
- Red Spy.** A distinct new type of Northern Spy. Solid red. December.
- Rhode Island Greening.** Large, greenish yellow, rich acid.
- Rome Beauty.** Yellow, shaded red; tender, juicy, sub-acid.
- Stayman.** Improved Winesap, larger and more prolific.
- Tolman** (Sweet). Medium, yellow and red, rich. November.
- Turley.** An improved Stayman (which has long stood as the best Winesap); no larger, but of deeper color, more piquant flavor, and a heavier cropper. Dec.
- Twenty Ounce.** Very large, yellow, striped red.
- Wagener.** Good size, deep red in the sun; flesh firm, sub-acid, excellent quality. One of the first varieties to bear.
- Wealthy.** White fleshed, juicy and vinous; medium size, smooth, round, deep red. September.

CRAB APPLES

- Hyslop Crab.** Large round fruits; deep crimson; one of the most popular Crabs for jelly. October to January.
- Ornamental Crabs.** We offer a choice selective list of these attractive small trees on page 76. Their bloom is a spring delight; their small, brilliant fruits a continuing landscape adornment.



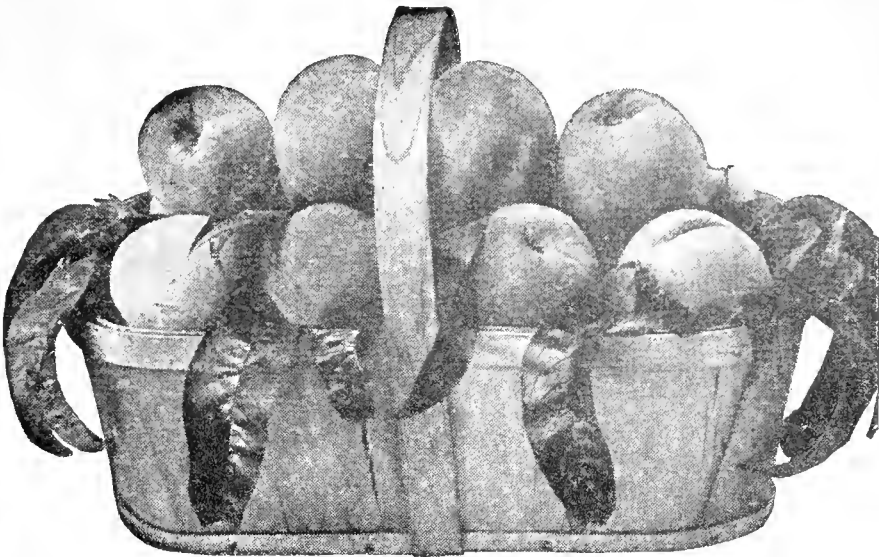
Set Trees 16 to 18 Feet Apart.

PEACHES

If you contemplate starting a Peach Orchard, we will gladly advise varieties, and make special quotation.

Price (Standard sorts):	Each	10	100	MAIL SIZE
3½ to 4 ft.	\$0.55	\$4.50	\$35.00	35c each;
3 to 3½ ft. ....	.45	3.50	27.50	3 for \$1.00,
2 to 3 ft. ....	.35	2.75	20.00	postpaid.

- Admiral Dewey.** Best early yellow freestone. July.
- Banner.** Crimson cheek; yellow, rich, firm. Late September.
- Beers. (Smock).** Choice late yellow; annual bearer.
- Belle of Georgia.** Skin white with red cheek; flesh white, firm and of excellent flavor, very prolific. Early Sept.
- Capt. Ede.** Handsome, large, yellow. Early September.
- Carman.** Large, creamy white with deep blush; skin tough, flesh tender, fine flavor and quite juicy. August.
- Champion.** An extremely large, handsome early variety, creamy white with red cheek, sweet, rich and juicy. August.
- Early Crawford.** A large yellow quality peach. September.
- Early Elberta.** Ripens about a week earlier than Elberta.
- Elberta.** Large, yellow, with red cheek; flesh yellow, firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. The standard market variety. September 15th.
- Engle's Mammoth.** Large, yellow; resembles Late Crawford but is more productive, bears earlier and younger. Sept.
- Fitzgerald.** Large; deep yellow, best quality. Sept.
- Gold Drop.** Medium size, hardy, very productive, refreshing quality, early bearer. Golden skin and flesh. September.
- Greensboro.** Flesh white, juicy and good. July.
- J. H. Hale.** A choice variety, larger than Elberta, and five days earlier, with superior flavor. Color a beautiful golden yellow, with deep carmine blush. A good shipper.
- Kalamazoo.** Large, yellow, extra productive. Early Sept.
- Late Crawford.** A superb, large yellow Peach. Late Sept.
- Lemon Free.** Lemon-shaped and color, large size, immensely productive, superior canning quality. September.
- Lemon Cling.** Large, pale yellow, dark red cheek. Sept.
- Mayflower.** Bright red cheeked, the only July peach that is well colored. Inclined to overbear, should always be thinned.
- Niagara.** Yellow; surpassing both Elberta and Crawford in size, color, quality, and vigor; ripening between.
- Prolific.** Firm: yellow, fine flavor, hardy and productive. Sept.
- Rochester.** The fruit is large, yellow, sweet, juicy and of delicious flavor; keeping and shipping well. Aug. 10th.
- St. John.** One of the earliest yellow peaches. August.
- Salberta.** The general character and quality of Elberta with Salwey's more profitable two weeks later picking.
- Salwey.** Large, deep yellow, juicy, rich, sweet. October.
- Shippers' Big Red** A new peach of large round shape, beautifully surfaced with red, tenacious. Flesh yellow, sweet, juicy, and of pleasing flavor.
- South Haven** Immediately preceding Elberta; large, globular, prolific; cheek yellow with one red blotch. Flesh yellow, juicy and delicious.
- Williams Cling.** One of the most profitable clingstones. Sept.
- Wilma.** An Elberta type; rounded, about ten days later.



Bountiful Pickings While Waiting for Other Crops.

*TRY THESE TWO NEW PEACHES	Price:	Each | 10 | 100		
	3½ to 4 ft.	\$0.65	\$5.50	\$40.00
	3 to 3½ ft. ....	.55	4.50	32.50
	2 to 3 ft. ....	.45	3.50	25.00

Golden Jubilee A choice recent introduction by the New Jersey Experiment Station; already popularized and given a high rating. Tree habits and fruit resemble Elberta; but fruit ripens a few days before Carman. The skin is yellow with red blush; flesh golden yellow, juicy, tender, sweet, and freestone.

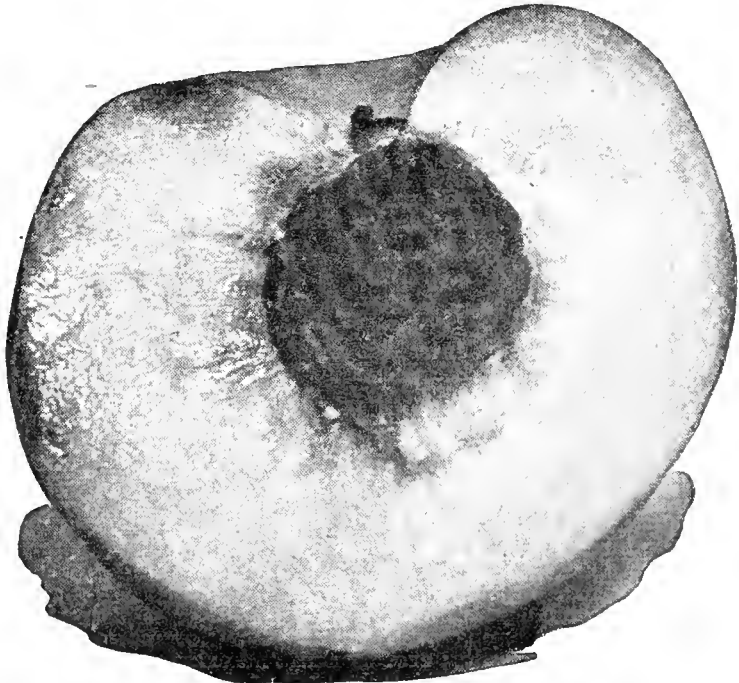
Hale-Haven A large new yellow freestone; developed at Michigan Experiment Station, by crossing the two popular varieties, J. H. Hale and South Haven. Its high color even before complete ripening, gives it great market value because of the advantage of premature picking, packing, and shipping without loss. It tests very high for hardness and production. Ready two weeks before Elberta.

Attention Orchardists! Especially in OHIO, IND., and ILL.
First Offering of a Remarkable New Peach.

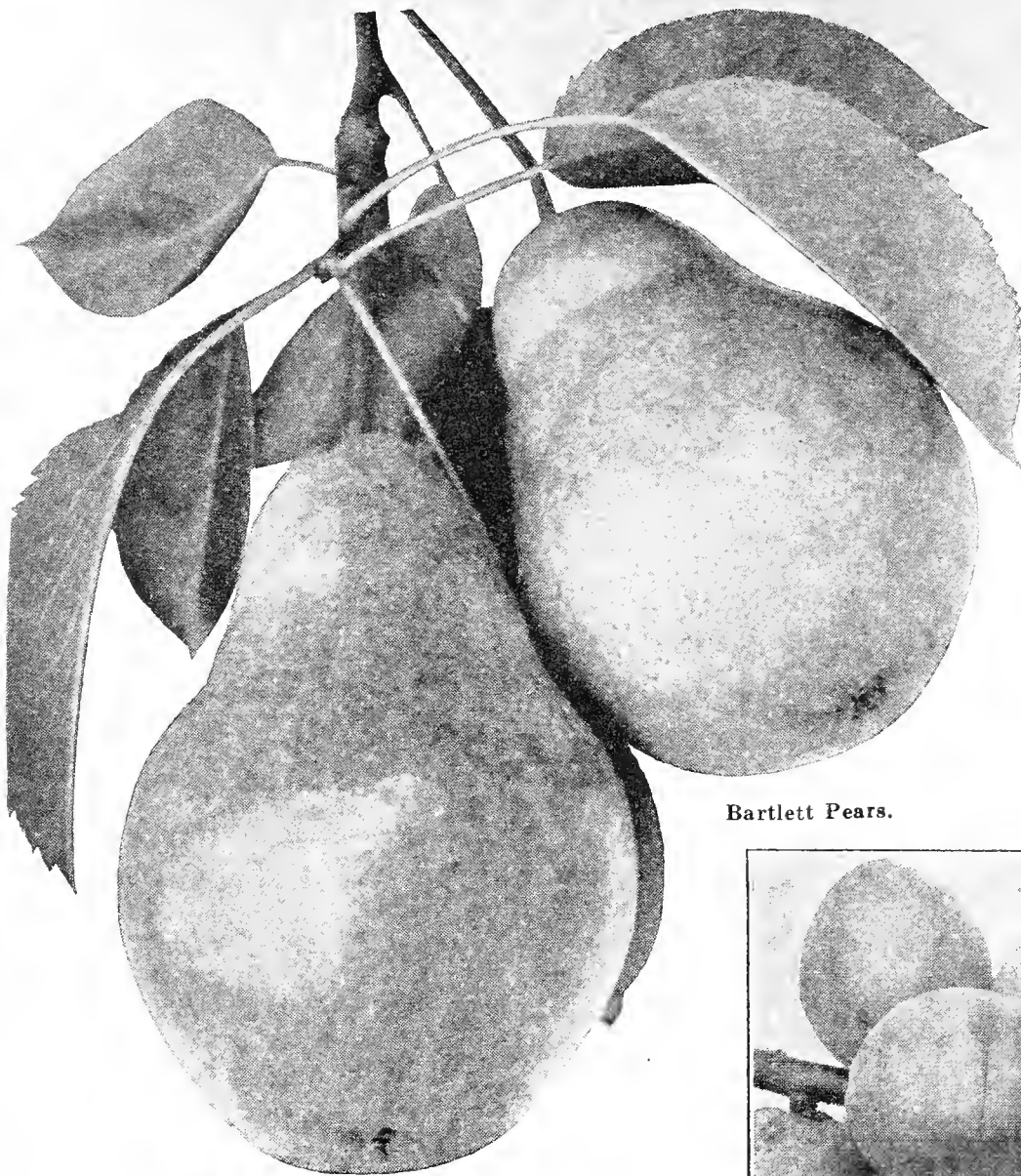
Rio Oso Gem U. S. Patent No. 84
Ripens about 10 days after J. H. Hale, during that period when there are few good peaches on the market. This new peach has the extreme large size of J. H. Hale, is more highly colored, of finer-grained texture, firmer, and of better general quality. The Storrs & Harrison Co. is specially licensed by the patent owner, to grow and distribute this fine new yellow freestone peach; but to three states only, viz.: Ohio, Indiana and Illinois. Although stock is limited for distribution this spring of 1935, all sizes will be available in quantity for the next season.

All propagating rights are fully protected by U. S. Plant Patent.

PRICES	Each	10	100	MAIL SIZE
2 to 3 ft.	\$0.50	\$4.00	\$30.00	50c each;
1½ to 2 ft. ....	.40	3.00	25.00	3 for \$1.25, postpaid



The Most Luscious Fruit—for the Hand, or Canning.



Bartlett Pears.

PEARS

Will grow on almost any good soil but thrive best in a rather heavy clay or loam. Standards planted 18 to 20 feet apart, are best for permanent orchards.

Price of Standard Pears—	Each	10	100	MAIL SIZE
5 to 7 ft.	\$0.85	\$7.50	\$60.00	70c each;
4 to 5 ft. ....	.70	6.00	50.00	3 for \$2.00,
3 to 4 ft. ....	.60	5.00	37.50	postpaid

SUMMER PEARS

Bartlett. Large, buttery, juicy, high-flavored, great bearer; very popular both for eating out of the hand and for canning. August and September.

Clapp. Very large, yellow and dull red, with russet specks. Melting, rich. August.

Tyson. Medium, melting, juicy, good. August.

Wilder. Small to medium, yellow, shaded carmine, fine grained, tender, sub-acid. Vigorous grower. Early August.

AUTUMN PEARS

Anjou. Large, buttery, melting, rich, vinous. Late fall and early winter variety. October to January.

Douglas A recent introduction of supreme value to fruit-growers, because it is "blight proof" and "frost-proof." Otherwise, the fruit is large, roundish, smooth, of attractive beauty. Its thin but protective skin is golden yellow flecked with russet, and thickly blushed scarlet on the sunny side. Flesh whitish, fine grained, tender; a small core with few seeds. Flavor sweet but with a piquant acidity.

Duchess (of Angouleme). Very large, buttery, rich, juicy. Pick them before maturity, wrap in tissue paper, and rack away for complete ripening. October and November.

Howell. Large, yellow, with red cheek, rich, sweet, melting, early bearer, productive. September-October.

Kieffer. Large size, handsome appearance, and remarkable keeping and shipping qualities. October-November.

Rossney. Large fruits; creamy skin and crimson blush; flesh melting, juicy, sweet; vigorous and productive.

Seckel. Small; skin yellowish brown with brownish red cheek; flesh fine grained, sweet, richest and highest flavor. Equally popular for dessert and pickling. September-October.

Sheldon. Medium size; yellow, with a richly shaded cheek; flesh a little coarse, melting, juicy, with a very brisk, vinous, highly perfumed flavor of first quality. October.

Worden. A seedling of the Seckel, equal in quality but larger and richer. Hardy and an enormous bearer. October.

WINTER PEARS

Bosc. Finest quality late fall and winter variety. Extra large, long and tapering; russet; good shipper, brings highest market price. A vigorous grower. November, December.

Lawrence. Medium yellow with brown dots, melting, pleasant, aromatic. November-December.

DWARF PEARS

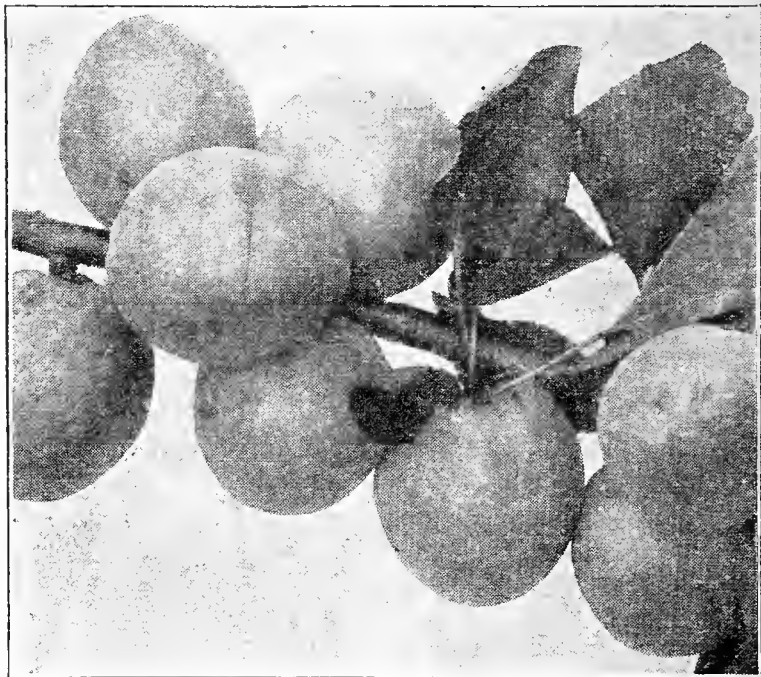
Set trees 10 ft. apart.

Dwarf Pears save space and bear younger. Best for small lot or garden. In planting, cover the junction of Pear and Quince, by 2 or 3 inches.

PRICE:

Each	10	100
4 to 5 ft.	\$0.90	\$8.00
		\$60.00

VARIETIES: Bartlett, Clapps, Duchess, Kieffer, Anjou.



Hungaria's Best Apricot.

APRICOTS

Set Trees
16 to 18
feet apart

Ripens between Cherries and Peaches. Should be planted on a northern or western exposure to prevent early blooming. The Russian (R) varieties are hardiest.

Price:	Each	10	100	MAIL SIZE
4 to 5 ft.	\$0.70	\$6.00	\$45.00	70c each;
3 to 4 ft. ....	.60	5.00	35.00	3 for \$2.90

Alexander. (R). Early freestone; orange with red blush.

Early Golden. Small, pale orange, juicy and sweet.

Hungaria's Best. Grows to immense size, fruit large, deep yellow, with yellow flesh, very fine flavor. Set 25 feet.

Moorpark. Yellow, with red cheek, juicy, sweet and rich.

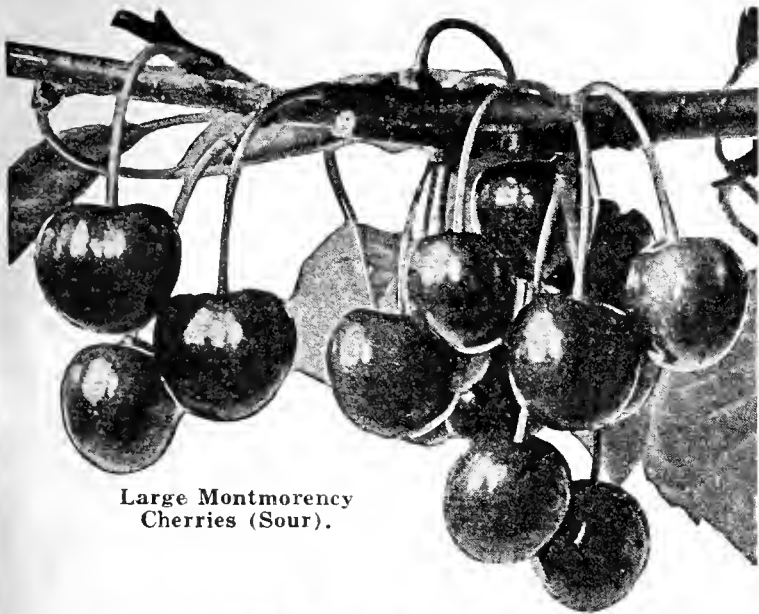
Superb. (R). Hardy and sure crop. The best flavored, most productive Russian. Medium size, light salmon color.

NECTARINES

Size, and a smooth skin like the Plum, and like the Peach in other ways, melting, of juicy texture, and delicious flavor.	Price:	Each	10
3½ to 4 ft.		\$0.70	\$6.00
3 to 3½ ft. ...		.60	5.00

Boston. Bright yellow, red cheek; flesh yellow.

Red Roman. Greenish yellow, red cheek; flesh golden.



Large Montmorency
Cherries (Sour).

CHERRIES

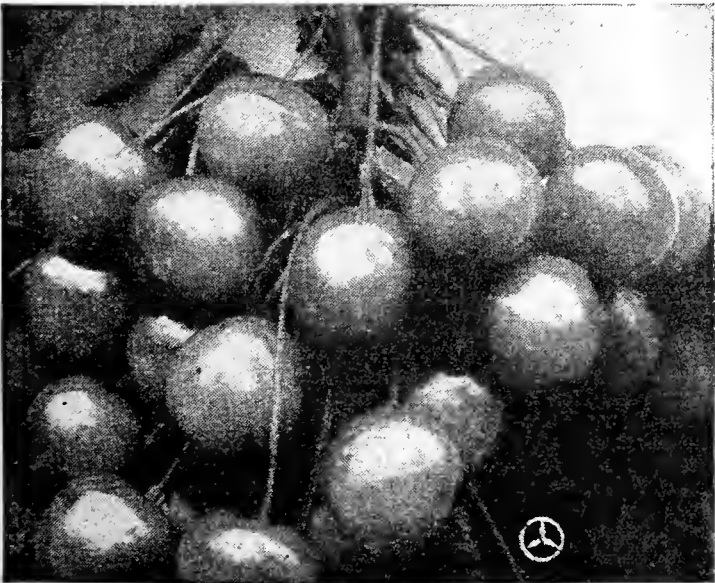
The compact shapeliness of Cherry trees, their glossy foliage, and spring glory of clustered blossoms, gives them ornamental value even in the lawn.

The trees are naturally hardy, succeeding best on sandy or gravelly loam, well drained. Avoid low or wet ground. Sweet varieties grow more rapidly and make larger pyramidal trees. Set trees 18 to 20 ft. apart. The Sour varieties are dwarf and bushy, bear earlier, and are more largely planted. Set trees 15 to 18 ft. apart.

Price of Cherries	Each	10	100	
Sweet—5 to 6 ft.	\$1.00	\$9.00	\$75.00	MAIL SIZE
4 to 5 ft. ....	.90	8.00	65.00	85c each;
3 to 4 ft. ....	.75	6.50	50.00	3 for \$2.50
Sour—4 to 5 ft. ....	.65	5.50	40.00	50c each;
3 to 4 ft. ....	.55	4.50	30.00	3 for \$1.25
2 to 3 ft. ....	.40	3.00	25.00	

SWEET CHERRIES

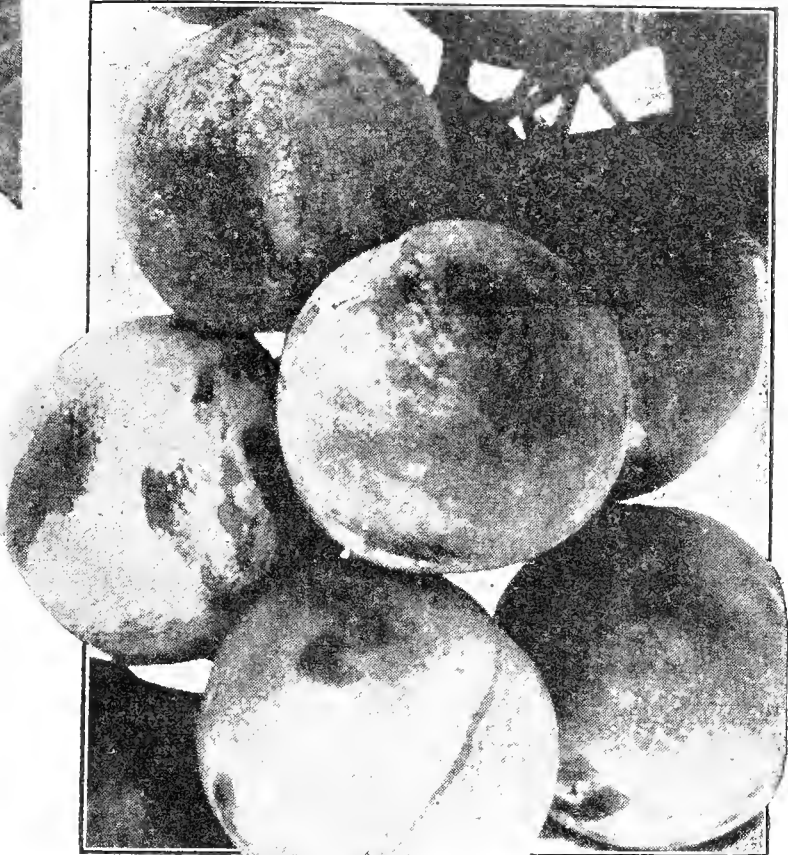
- Bing.** Very large, dark brown—almost black; flesh firm, sweet, rich, delicious. One of the most profitable. July.
- Black Tartarian.** Very large, black, juicy, rich. Last of June.
- Gov. Wood.** Large, light red, juicy, rich, delicious. Tree healthy and productive. June.
- Lambert.** Jet black when fully ripe. Flesh firm, solid, rich and juicy. Tree rugged, strong grower, hardy, enormous bearer. Late July.
- Napoleon.** Large, pale yellow with at least one red cheek; firm, juicy, sweet and productive. July.
- Schmidt.** Immense size, deep black, flesh dark, tender, very juicy, fine flavor; productive. July.
- Windsor.** Fruit large, liver-colored, distinct; flesh remarkably firm and of fine quality. Tree hardy and prolific. A valuable late variety. July.
- Yellow Spanish.** Large, yellow with red blush. June.



Napoleon—Sweet Cherries.

SOUR CHERRIES

- Early Richmond.** Medium, dark red, melting, juicy, sprightly, rich acid, best. A dependable cropper. June.
- English Morello.** Fair size, blackish red, rich acid, juicy, good. The best very late variety. August.
- Hortense (Reine Hortense).** Large, bright red, juicy; mild-est and sweetest in this class. July.
- Large Montmorency.** Large, red, productive, ten days later than Early Richmond. Late June.
- Late Duke.** Large, light red. July.
- May Duke.** Large, red, juicy, rich; its acidity pleasantly tempered to the advantage of sensitive teeth. June.
- Wragg.** Very hardy, vigorous and productive, medium dark purple, fine quality. August.



Lombard.

PLUMS

PRICE OF PLUMS:	Each	10	100	
European and Japan—				Set Trees
5 to 7 ft.	\$0.95	\$8.50	\$70.00	16 to 20 ft.
4 to 5 ft. ....	.85	7.50	60.00	apart

EUROPEAN PLUMS

- Bavay (Green Gage) ("Reine Claude").** Very large greenish color, fine flavor. September.
- Bradshaw.** Large, dark red, flesh green, juicy. August.
- Lombard.** Medium, violet-red, juicy, good, hardy and productive, the leading market variety. August.
- Monarch.** Very large, oval, purplish blue, freestone. October.
- Peter's Yellow Gage.** Large oval, bright yellow. September.
- Shropshire.** Medium, dark purple, very productive. October.
- Yellow Egg.** Very large, egg-shaped, productive. August.

JAPAN OR ORIENTAL PLUMS

- Japan Plums are strong, quick-growing and adapted to all kinds of soils; extra hardy, early, and sure croppers.
- Abundance (Botan).** Hardy and productive. Fruit large, pinkish red, with heavy bloom; good quality. August.
- Burbank.** Tree round, sprawling, productive, bears young. Fruit round, excellent; cherry-red with lilac bloom.
- Red June.** Fair size, vermilion-red; pleasant quality. August.
- Wickson.** September. Fruit large, long heart-shaped, color deep maroon-red covered with white bloom; flesh firm and meaty, yellow, rich and aromatic; cling; pit small.

PRUNES

PRICE:	Each	10	100
1-year, 4 to 5 ft.	\$0.85	\$7.50	\$60.00
German Prune. Large, dark purple, sweet, good. One of the most desirable and popular for canning. September.			
Italian Prune. Good size, purple, juicy, delicious, fine for drying. September.			



New American Mulberry.

QUINCE

The Quince crop is usually reliable, and in good market demand. The fruits are quite fragrant, and the trees and bloom highly ornamental. Set trees 10 to 12 feet apart.

PRICE

	Each	10
4 to 5 ft.	\$1.00	\$9.00

Champion. Largest, oval, greenish. Ripens late.

Orange. Large, bright yellow, of excellent flavor. October.

MULBERRY

PRICE

	Each
Downing, and New American—	
4 to 5 ft.	\$0.70
3 to 4 ft. ....	.60

Russian—
6 to 8 ft.70
5 to 6 ft.50

Downing. Very large, black, handsome, sweet, rich, and of excellent quality.

New American. Equal to Downing in all respects, and a much hardier tree. Vigorous grower, very productive; the best variety for fruit; ripe from middle June to September.

Russian. Very hardy vigorous grower; valuable for feeding silk worms, etc. Fruit small, varies in color from white to black.



Orange Quince.

5 YEAR - - EXTRA SIZE Fruit Trees

Stock Limited - - These Kinds Only

STANDARD PEARS

Anjou
Bartlett
Clapp
Duchesse
Flemish
Garber
Howell
Lawrence
Rossney
Seckel
Sheldon
Tyson
Wilder
Worden

DWARF PEARS

Anjou
Bartlett
Duchesse
Seckel

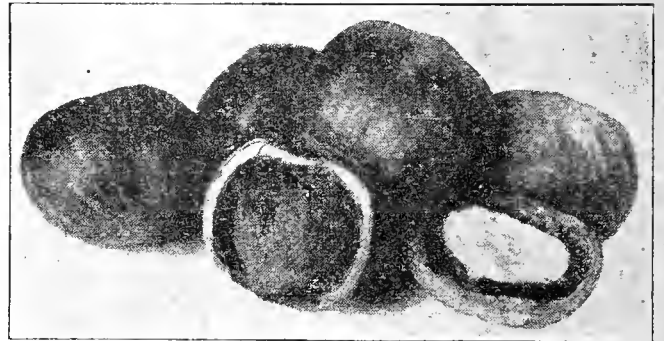
PLUMS

Bradshaw
Diamond
Peters Y. Gage
Shippers

QUINCES

Champion
Meech
Orange
Rea

\$2.00 Each; **\$17.50** per 10



American Filberts.

NUT TREES

PRICE OF NUT TREES:

	Each	10
Butternut, 3 to 4 ft.	\$0.75	\$ 7.00
Chestnut, Japan, 4 to 5 ft.	1.75	
" " 3 to 4 ft.	1.25	
" " 2 to 3 ft. ....	.90	
Filbert, American, 3 to 4 ft. ....	.80	7.00
" " 2 to 3 ft. ....	.60	5.00
" English, 3 to 4 ft. ....	.90	
" " 2 to 3 ft. ....	.70	6.00
Walnut, Black, 4 to 5 ft. ....	.90	
" " 3 to 4 ft. ....	.70	6.00
" Japan—Max-Cordiformis and Sieboldiana		
" " 6 to 8 ft.	1.50	14.00
" " 4 to 6 ft.	1.00	9.00
" " 3 to 4 ft. ....	.65	6.00

CHESTNUT

Japan. Distinct from other chestnuts; dwarf grower, productive usually when two or three years old. Nuts of immense size, of fair quality when outside skin is removed.

FILBERTS

American. The common Hazelnut. Will grow in almost any location, but prefers a rather moist soil, such as can be found along streams. Nuts are tender and of fine flavor.

English. Grows 6 to 8 feet high, entirely hardy, and one of the most profitable and satisfactory nuts to grow, succeeding on almost all soils, bearing early and abundantly; nuts nearly round, rich and of excellent flavor.

WALNUTS

Butternut or White Walnut. Native tree, producing long large nut. Has a sweet, oily, nutritious kernel.

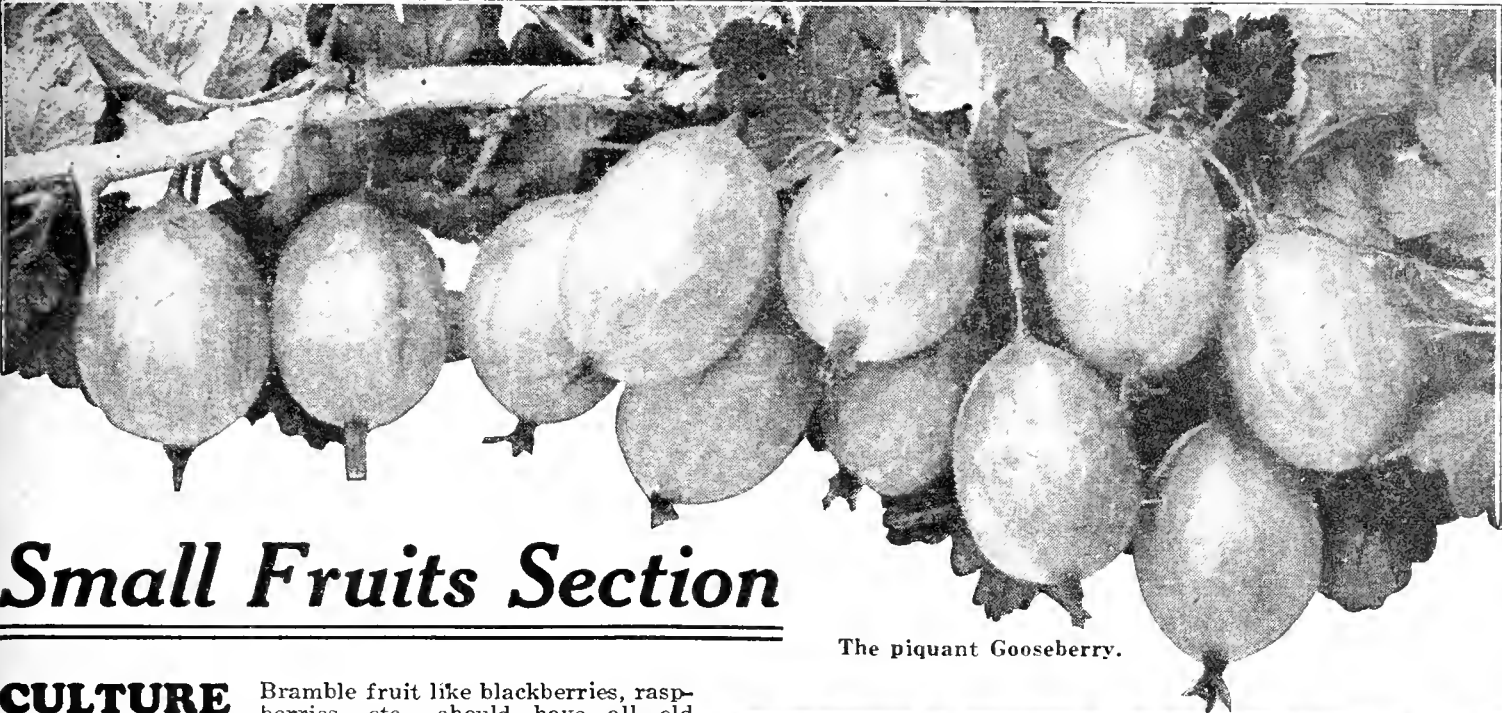
Black. A majestic native tree of large size. Choice nuts; and the most valuable of all trees for its timber.

Japan, Sieboldiana. Perfectly hardy, rapid grower, handsome form, immense leaves; bears young and abundantly. Nuts produced in clusters; resembles Butternut in shape and quality; smaller; smooth and thinner shell.

Japan, Max-Cordiformis. Differs from Sieboldiana in form of nuts, which are broad-pointed, flattened, resembling Hickory.



The Ornamental Japan Walnut.



The piquant Gooseberry.

Small Fruits Section

CULTURE Bramble fruit like blackberries, raspberries, etc., should have all old wood (older than the previous season's growth) cut out close to the ground each spring and the past season's growth should be trimmed back to 3 or 4 feet in height. All of the old canes should be removed and should be burned.

Mulching of currants and gooseberries will give good results. A strawberry bed should have a light coating two inches deep of coarse hay, or straw that is free from weed seed, after the ground has just frozen; and in the spring just about the time growth starts, this covering should be raked between the rows and allowed to remain there until the fruit has been harvested. Then it should be removed and cultivation be resumed.

CURRANTS

Hardy, easily cultivated; popular for table use, jellies, etc. Set 4 feet apart in rich ground; cultivate well and prune out old wood. Dust with hellebore, for worms.

Price of Currants:	3	10	100	
Cherry, 1 year	\$0.60	\$1.50	\$10.00	
" 2 years .....	.75	2.00	14.00	BY MAIL:
Fay, 1 year .....	.60	1.50	10.00	1 year,
" 2 years .....	.75	2.00	14.00	3 for 85c;
Wilder, 1 year .....	.60	1.50	10.00	10 for
" 2 years .....	.75	2.00	14.00	\$2.00,
White Grape, 1 year .....	.60	1.50	10.00	postpaid
" " 2 years .....	.75	2.00	14.00	

Cherry. Particularly large bright red fruit with thin skins; of excellent quality.

Fay. Uniform, easily picked, exceedingly productive.

Wilder. Bunch and berries very large; moderate acidity. An immense yielder, always dependable.

White Grape. Very large, yellowish white; very mild and pleasing flavor. Makes an attractive table appearance when mixed for dessert with a red kind.

GOOSEBERRIES

Set 3 to 4 feet apart, in good rich soil, and give a liberal dressing of manure every season. Regular pruning every year is essential. To prevent mildew spray bushes soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur)—one ounce to four gallons of water.

PRICE OF GOOSEBERRIES:	3	10	100	
Downing, 1 year	\$0.60	\$1.50	\$10.00	
" 2 years .....	.75	2.00	14.00	
Houghton, 1 year .....	.60	1.50	10.00	
" 2 years .....	.75	2.00	14.00	
Josselyn, 1 year .....	.65	1.75	12.00	
" 2 years .....	.75	2.00	15.00	

Downing. Large, pale green, of splendid quality for both cooking and table use; bush vigorous and usually free from mildew. 1 year, by mail, 3 for 85c; 10 for \$2.00.

Houghton. Small to medium; roundish, oval, pale red, sweet, tender. 1 year, by mail, 3 for 85c; 10 for \$2.00.

Josselyn. Large sized, smooth, prolific and hardy, red berries of best quality. The freest from mildew. 1 year, by mail, 3 for \$1.00; 10 for \$2.50.



White Grape Currants.



The prolific Wilder Currant.

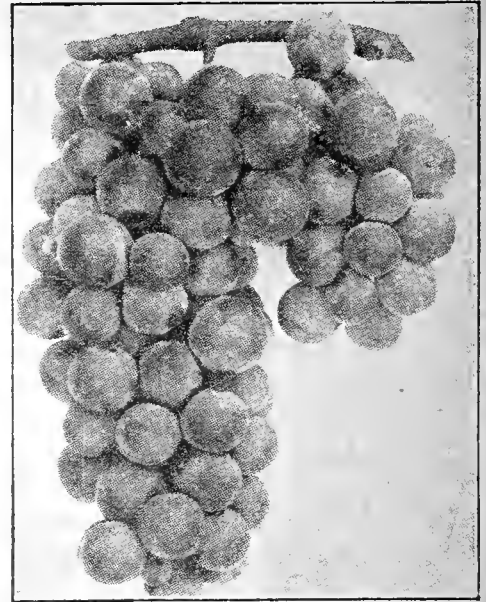
S & H GRAPE VINES

The Quick, Sure, Profitable Annual Crop

Even under unfavorable conditions the grape vine will bear fruit, but good culture, pruning and spraying should be applied if the best quality of fruit is desired. Along almost any garden fence or walk there is room for vines enough to furnish luscious grapes from July to November. In such situations they may be planted about 8 feet apart. In vineyard rows, set the vines 6 to 10 feet apart, with 8 feet between rows.

BLACK GRAPES

- Campbell.** Sweet and juicy, seeds few and small, very early.
- Concord.** The standard black, everywhere. Oct. 1st.
- King.** Ripening between Worden and Concord, same color, grape extremely large, cluster larger and more compact.
- Moore's Early.** Bunch large, berry large; desirable for earliness.
- Sheridan.** A new variety destined to rival Concord. It extends the season a week longer; with larger, more compact bunches; flavor sweeter, skin tougher, keeps longer and ships better.
- Worden.** Larger, sweeter and earlier than Concord.



Concord.

RED or AMBER GRAPES

- Agawam.** Very large, with thick skin; sweet and sprightly.
- Brighton.** Bunch large; excellent flavor and quality; early.
- Caco** Fruit very large in hand—some complete bunches; a rich wine-red over amber. Exceptionally early bearing. Its flavor is luscious, sweet, distinctive.
- Catawba.** Large, dark copper, rich musky flavor; late.
- Delaware.** Bunches and berries are small, but compactly set, light red, with violet bloom; sugary and delicious; early.
- Lucile.** A beautiful bright color, flavor foxy and sweet.
- Wyoming.** Vine very hardy, berry brighter than Delaware, double in size, ripens before; flesh tender, juicy, sweet.

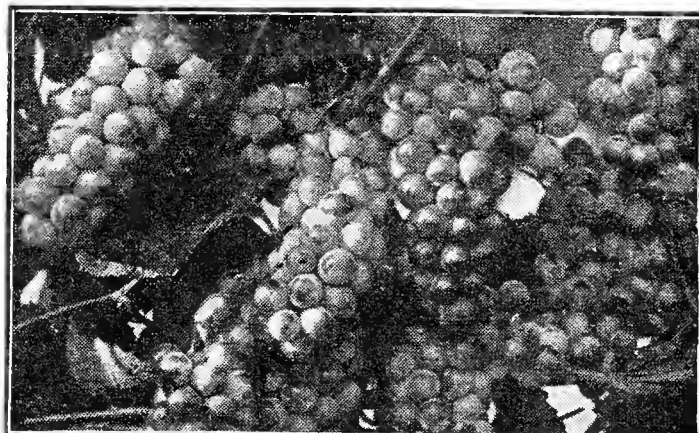
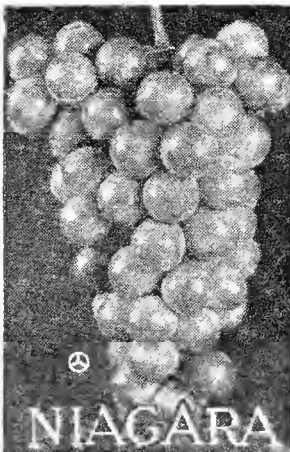
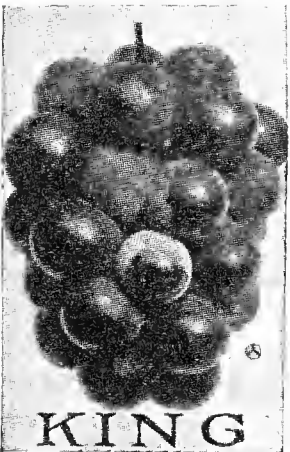
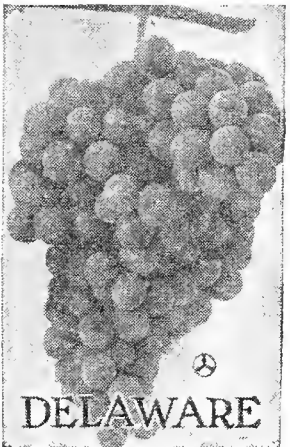
WHITE GRAPES

- Diamond.** Early, ripening before Moore. White, with yellow tinge; juicy; few seeds, excellent quality.
- Green Mountain (Winchell).** An extra early variety from Vermont. Skin thin, pulp tender and sweet, quality superb.
- Niagara.** Bunch and berries large, yellowish white; prolific. The standard white grape.
- Pocklington.** Light golden yellow; juicy, tender, sweet.
- Portland** A recently introduced white Grape from New York; claimed to be the very earliest Grape.

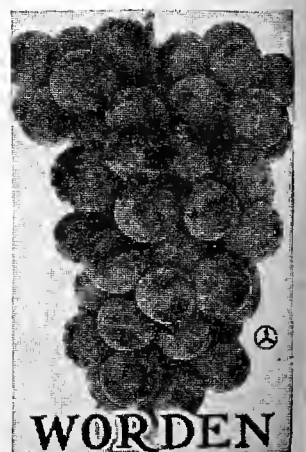
Family Grape Offer To fit across your back lot line. Two each: Blue, Red and White,—our selection of varieties, 2-year-old vines. By Mail, Postpaid..... **6 for \$1.50**

PRICES FOR GRAPE VINES

		5 at ten rate, 25 at hundred rate. 250 at thousand rate.			Each By Mail			By Express or Freight		
					Each	10	100	1000		
Agawam,	1 year....	\$0.30	\$0.25	\$1.75	\$12.00					
"	2 years....	.35	.30	2.25	16.00					
Brighton,	1 year....	.35	.30	2.25	14.00					
"	2 years....	.40	.35	2.50	18.00					
Caco,	1 year....	.40	.35	3.00	22.00					
"	2 years....	.50	.45	3.50	27.50					
Campbell,	1 year....	.30	.25	1.75	11.00					
"	2 years....	.35	.30	2.25	14.00					
Catawba,	1 year....	.35	.30	2.25	14.00					
"	2 years....	.40	.35	2.50	18.00					
Concord,	1 year....	.25	.20	1.50	9.00	\$75.00				
"	2 years....	.30	.25	1.75	12.00	100.00				
Delaware,	1 year....	.40	.35	2.50	17.00					
"	2 years....	.45	.40	3.00	22.00					
Diamond,	1 year....	.30	.25	1.75	12.00					
"	2 years....	.35	.30	2.25	15.00					
Green Mountain,	1 year....	.35	.30	2.25	14.00					
"	2 years....	.40	.35	2.50	18.00					
King,	1 year....	.35	.30	2.25	16.00					
Lucile,	1 year....	.30	.25	1.75	12.00					
"	2 years....	.35	.30	2.25	16.00					
Moore's Early,	1 year....	.30	.25	1.75	11.00					
"	2 years....	.35	.30	2.25	14.00					
Niagara,	1 year....	.30	.25	1.75	11.00	90.00				
"	2 years....	.35	.30	2.25	14.00	120.00				
Pocklington,	1 year....	.30	.25	1.75	12.00					
"	2 years....	.35	.30	2.25	15.00					
Portland,	1 year....	.40	.35	2.50	18.00					
"	2 years....	.45	.40	3.00	22.00					
Sheridan,	1 year....	.35	.30	2.25	15.00					
"	2 years....	.40	.35	2.50	20.00					
Worden,	1 year....	.25	.20	1.50	10.00	85.00				
"	2 years....	.30	.25	1.75	13.00	110.00				
Wyoming,	1 year....	.30	.25	1.75	12.00					
"	2 years....	.35	.30	2.25	16.00					



Portland.



✓ **BLACKBERRIES**

Plant rows 6 feet apart, 3 to 5 feet in the row. Pinch canes back when they have reached 4 feet in height.

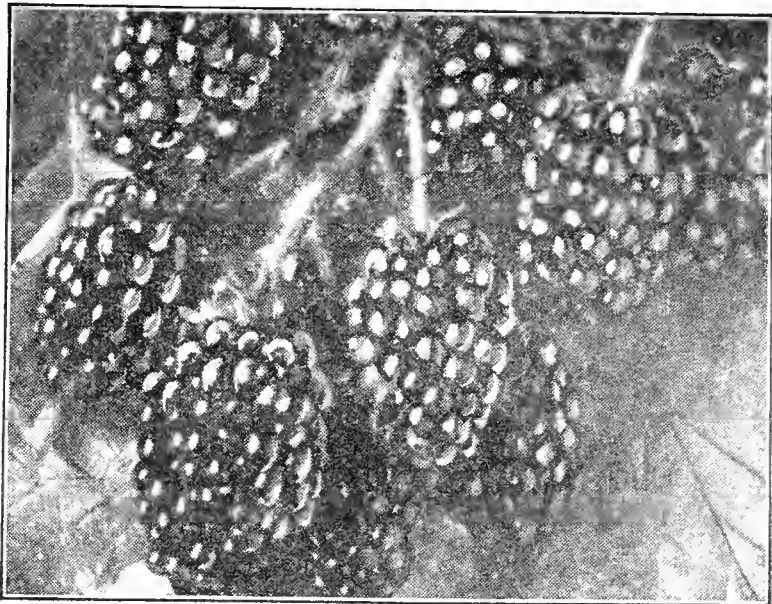
PRICES:	By Mail			By Exp. or Frt.		
	Postpaid			—Collect		
	10	100		10	100	1000
Blowers	\$0.90	\$5.25		\$0.65	\$4.50	\$30.00
Eldorado .....	.90	5.25		.65	4.50	30.00
Mersereau .....	.90	5.25		.65	4.50	30.00
Snyder .....	.90	5.25		.65	4.50	30.00

Blowers. Claimed to be the hardiest and most productive. Large size, jet black, good shipper, best quality.

Eldorado. Hardy; berries large, jet black borne in large clusters, and ripen well together; they are very sweet, melting and pleasing to the taste; have no hard core, and keep eight or ten days after picking with quality unimpaired.

Mersereau. Strong grower; upright, stout, stocky canes. An enormous producer of extra size berries which are brilliant black and retain their color under all conditions; sweet, rich, melting, without core.

Snyder. Enormously productive, medium, sweet, the leading early variety for hardiness.



Eldorado Blackberries.

BLACK RASPBERRIES

Set "Blackcaps" 4 to 5 feet apart.

Inasmuch as raspberry appreciation varies radically according to individual tastes—some specially preferring the black ones which others dislike—it is well to provide all types in your family garden. See our listing of Red and Purple Raspberries on next page.

PRICES: Tips—	By Mail		By Exp. or Frt.		
	10	100	10	100	1000
Cumberland ...	\$0.80	\$4.00	\$0.60	\$3.50	\$22.50
New Logan ....	.80	4.00	.60	3.50	22.50
Plum Farmer ..	.80	4.00	.60	3.50	22.50
Quillen .....	.80	4.00	.60	3.50	25.00
Transplants (2yrs.)					
Cumberland ....	.95	6.50	.75	5.50	40.00

Cumberland. Healthy, vigorous, throwing up stout, stocky, well-branched canes that produce immense crops. Fruits very profitable; large, firm. Midseason.

Plum Farmer. Matures the entire crop in a very short early period. The berries are large, thick-meated; firm; attractive.

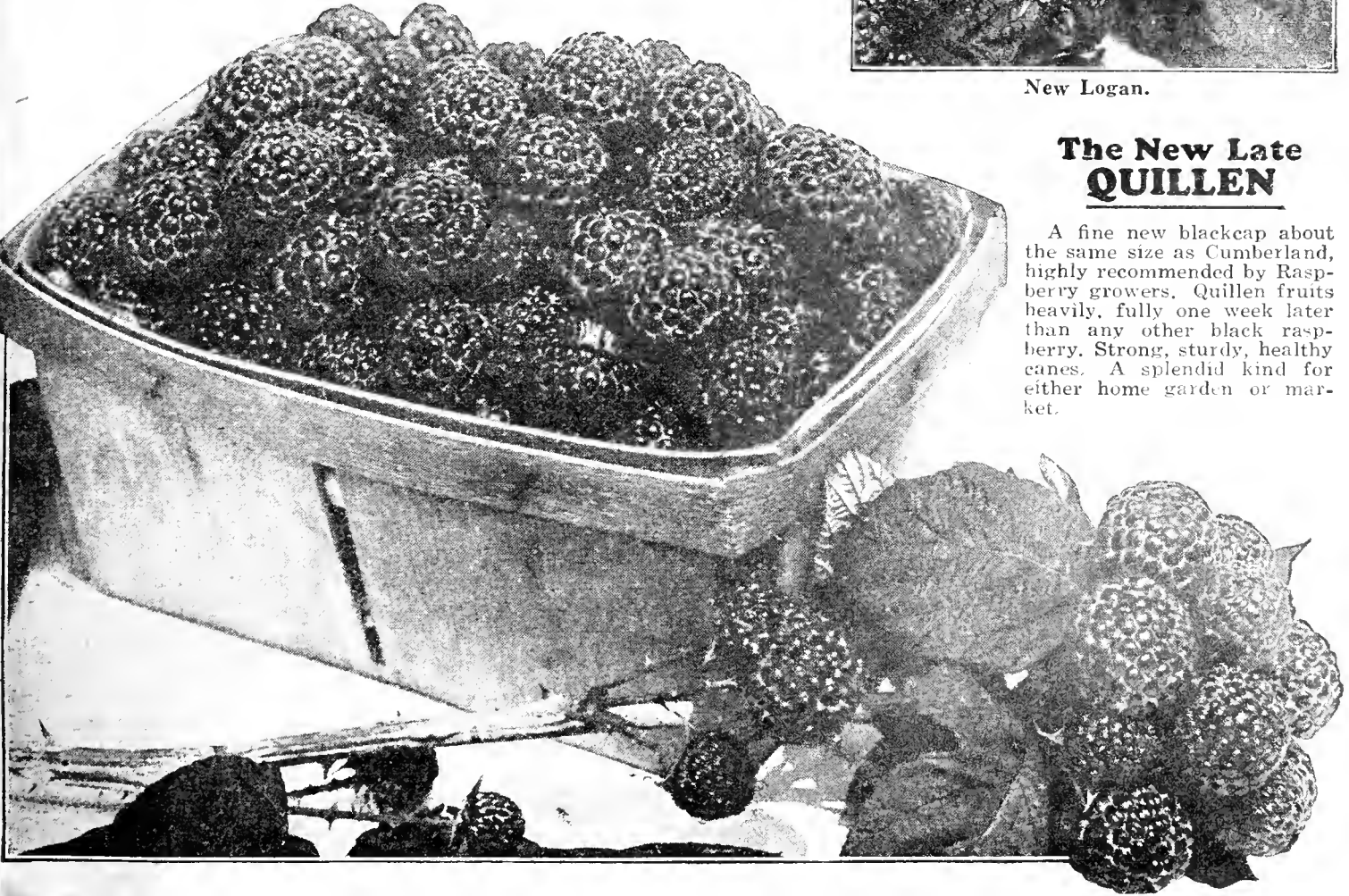
New Logan (The Earliest Blackcap Known). Of Ohio origin, this new blackcap has gained much favor among berry growers. Its quality and productiveness are excellent, probably equal to any, but its paramount value lies in the week or more earlier cropping season. Highly resistant to all Black Raspberry diseases.



New Logan.

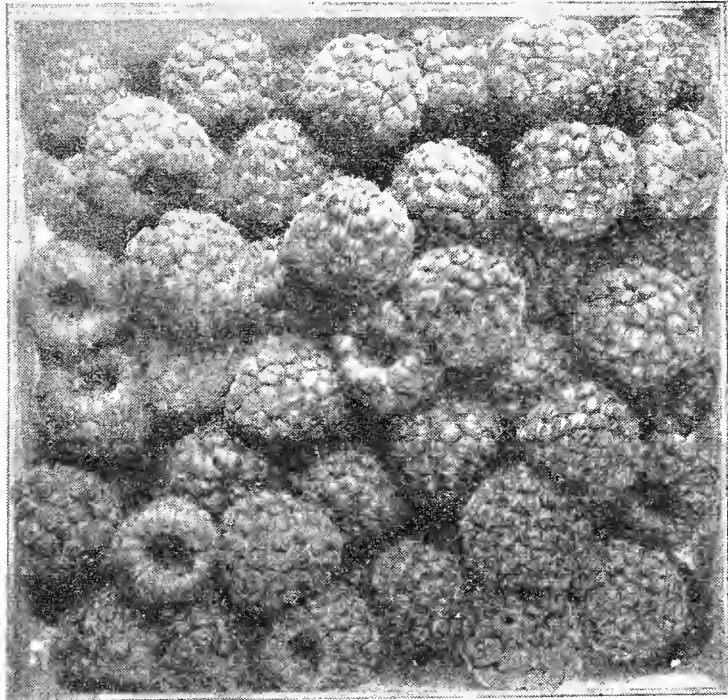
**The New Late
QUILLEN**

A fine new blackcap about the same size as Cumberland, highly recommended by Raspberry growers. Quillen fruits heavily, fully one week later than any other black raspberry. Strong, sturdy, healthy canes. A splendid kind for either home garden or market.

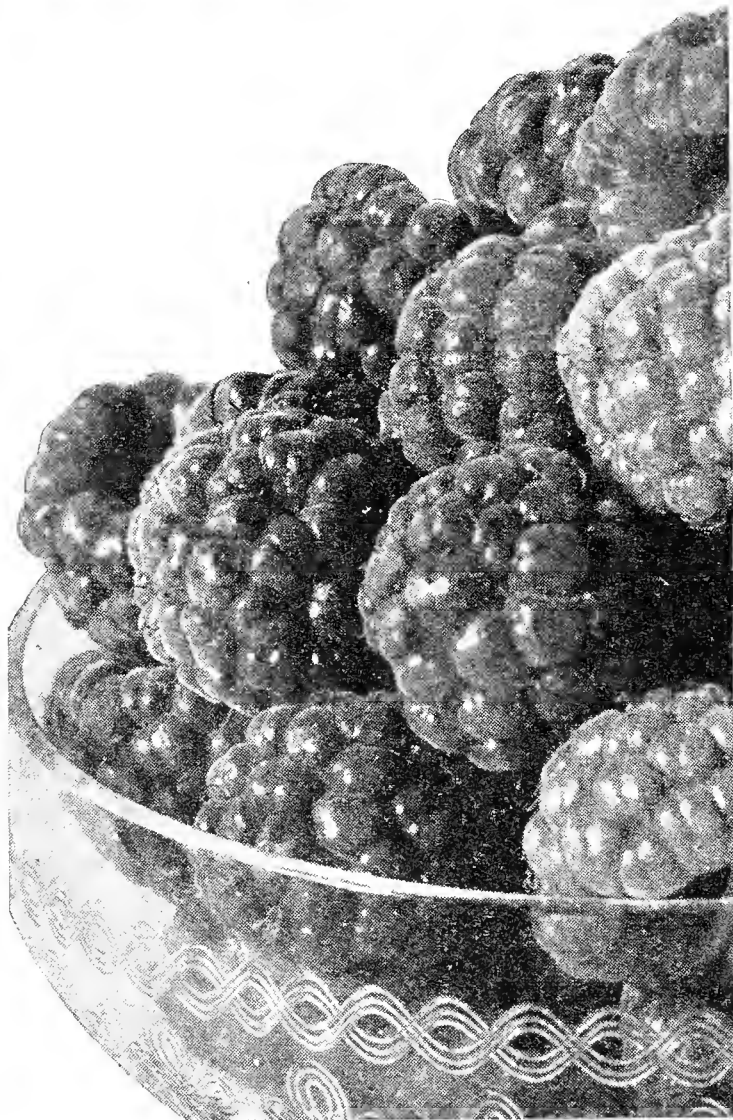


RED RASPBERRIES

Will do well on any soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they have done bearing cut out the old wood to give more vigor to the young canes. Rows 5 feet apart, plants 3 feet apart in rows.



New Red Raspberry—Chief.



The New "Viking".



The Epoch-making Latham.

Price of Red Raspberries:	By Mail		By Exp. or Frt.		
	10	100	10	100	1000
Chief	\$0.80	\$4.00	\$0.60	\$3.50	\$25.00
Columbian (Purple) .....	.80	4.00	.60	3.50	27.50
Cuthbert .....	.80	4.00	.60	3.50	25.00
Latham .....	.80	4.00	.60	3.50	25.00
Newburgh (New)	1.20	7.50	1.00	7.00	55.00
St. Regis (Everbearing) .....	.80	4.00	.60	3.50	25.00
Viking (New) .....	.85	4.50	.65	4.00	30.00

Chief A new product from Minnesota achieved after 14 years experimenting with the purpose of replacing the old King by a superior type of Latham breeding. Chief will not rival Latham, but supplements it by ripening 10 days earlier and so holding that wonderful type for picking an extra long season. In fact, Chief fills the gap for fresh table fruit between Strawberries and the other Raspberries. Bright red, "no crumbling," ships well, tastes delicious, and pays its way with extraordinary crops.

Columbian. Very large, purplish color, rather soft; rich, sprightly flavor, unrivaled for canning, etc. Bush vigorous and productive; immense cropper.

Cuthbert ("Queen of the Market"). A remarkably strong hardy variety; standing the northern winter and southern summers equal to any. Very large, conical berries, measuring 3 inches around, so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious.

Latham THE NEW MOSAIC-FREE HARDY RED RASPBERRY. This type is certified absolutely mosaic-free, and acceptable anywhere. Perfectly hardy, withstanding Manitoba winters without protection. Its production is superlative, outyielding even Cuthbert. The berries are large and round, brilliant red, with profitable shipping firmness. The color is a richly brilliant red, an eye-catcher on market stands, a delightful table feature, and a perfect canned exhibit.

Newburgh A quite new variety which is proving its worth, and becoming popular with the growers. Newburgh is a vigorous grower, hardy and productive. Its berries are large and do not "crumble"; of attractive high color; in quality somewhat superior to Latham which it precedes by a few days. Excellent keeper and shipper.

St. Regis (Ranere). Fruit commences to ripen with the earliest and continuing on young canes until October, many quarts often being picked after the first snow falls. Berries bright crimson, large size, rich, sugary with full raspberry flavor; flesh firm and meaty.

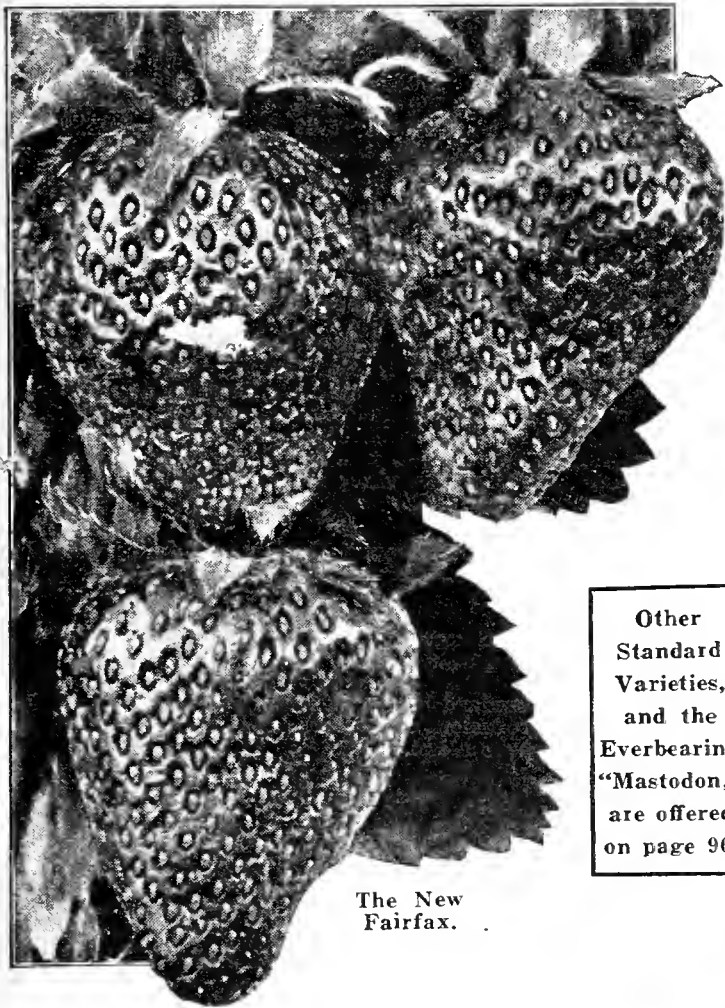
Viking Vigorous, hardy grower; producing tall, strong canes of such strength that they remain upright even when loaded with fruit. This means much in cleanliness of fruit, and ease of picking. Canes are almost entirely spine-free. Yield is equal to, or better than Cuthbert, which it slightly precedes in season. Berries large, deep red in color; quality fine. Unquestionably one of the best.

DEWBERRY

Lucretia. A dwarf or trailing Blackberry equal in every respect to any of the tall-growing sorts. Perfectly hardy, healthy and remarkably productive, with large, showy flowers. The fruit, which ripens early; is often one and one-half inches long by one inch in diameter; soft, sweet and luscious throughout. This is one bramble fruit people enjoy picking; reaching down among the leaves for the biggest, fattest berry close to the hot sand. It is hard to gather a table mess,—for too many just naturally pop into the picker's mouth.

PRICE: By mail, postpaid,—\$5c per 10; \$4.25 per 100. By express or freight,—60c per 10; \$3.50 per 100; \$25.00 per 1000.

STRAWBERRIES



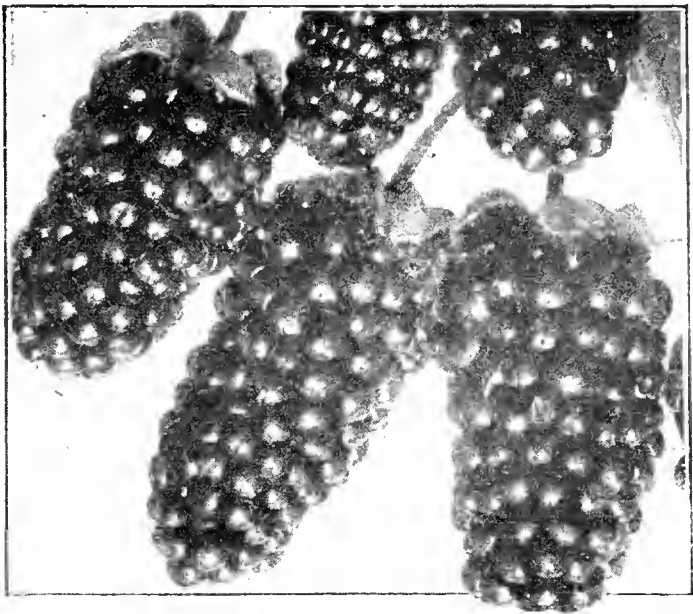
The New Fairfax.

Other
Standard
Varieties,
and the
Everbearing
"Mastodon,"
are offered
on page 96.

STRAWBERRIES succeed in any soil adapted to farm or garden crops. Soil should be prepared to a good depth, well drained and enriched with vegetable manure (muck, rotten turf, wood soil, ashes, etc.). For field culture set rows 3 to 3½ feet apart, 15 to 18 inches in each row; for garden, 15 inches apart each way, pathway every third row. For large fruit, keep in hills, pinching runners off as they appear. Ground should be kept clean and well cultivated. In winter cover with leaves, straw or litter. Do not cover until ground is frozen, nor so as to smother plants. Remove cover before growth starts in spring. Mulching will keep fruit clean and soil in good condition.

Dip in water as soon as received, and bury roots in moist, shady ground until ready to set out; do not neglect.

PRICE OF 3 NEW KINDS	
DORSETT	BY EXPRESS
FAIRFAX	—not prepaid:
PREMIER	25 for \$0.55
Postpaid:—	50 for .75
25 for \$0.75	100 for 1.25
50 for 1.05	500 for 4.00
100 for 1.65	1000 for 7.50



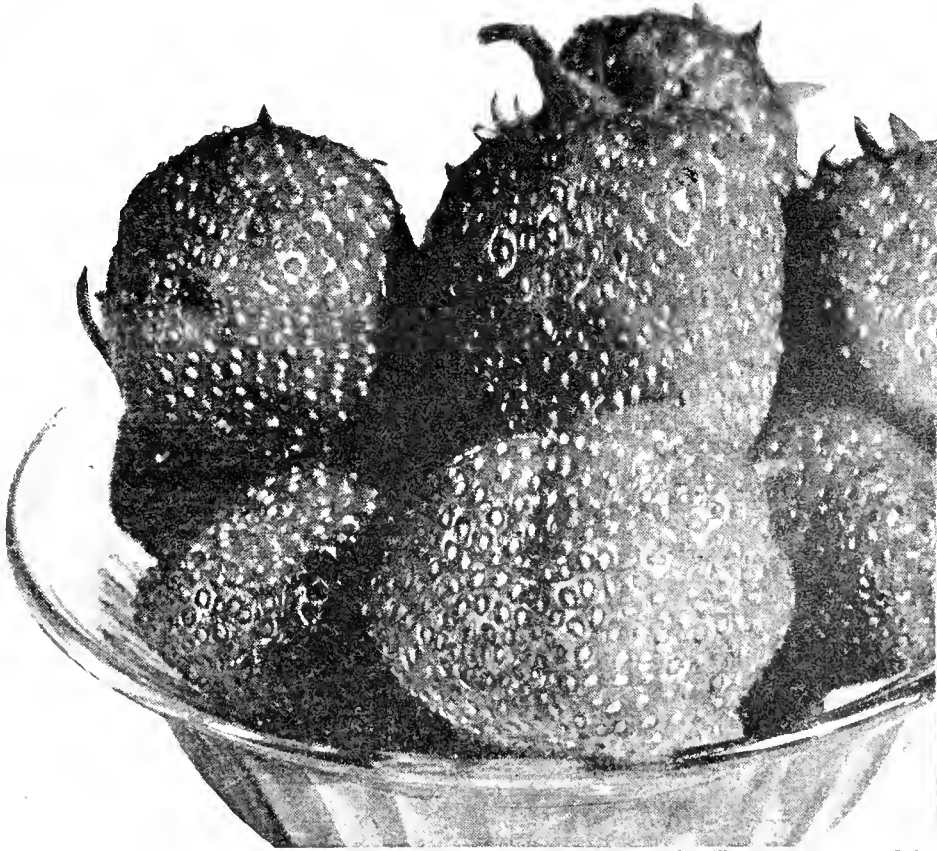
The luscious Lucretia Dewberry

3 Outstanding STRAWBERRY VARIETIES

Dorsett This new eastern introduction has taken the Atlantic berry growers by storm, and is becoming one of the most popular and respected in the middle west. Its fruiting season is early and profitably continuous, yielding bumper crops which bring instant market acceptance at the very top price. The berry is uniformly large, full, elongated with rounded extremity. The color is an attractive pinkish-red, unusual flavor, mild sub-acid. It does exceptionally well on heavy soil, and surpasses other varieties for sweetness during protracted rainy season.

Fairfax Another new kind which runs with Dorsett; in many ways similar, but with sufficient differences to warrant growing both. It also produces a heavy crop of berries better than average size, deeply conical in shape, a more brilliant red than Dorsett and of firmer texture; season about the same. The flavor is sweetly luscious and creates demand for more. The market price for this fine new variety keeps abreast of Dorsett—both ahead of the field.

Premier Of smooth, evenly conical form, and large; its color the commanding glossy red which sells on sight, aided artistically by the calyx or cap which remains green after picking. Quality unsurpassed; production greatest of all earlies; plant vigorous, healthy, strongly reproductive.



Dorsett.



"Mastodon" brings the Strawberry Season to a close. Then comes St. Regis Raspberry—and the snow.

EVERBEARING STRAWBERRIES

"Everbearing Strawberries" yield fruit continuously from May or June until frost. They are practical croppers, and, coming out of ordinary season, bring very profitable prices for market. Caution: To obtain the largest size and finest quality of fruit in the fall, keep flowers picked off until about the first of July.

Mastodon According to many reports gathered from all berry-growing sections of the country, Mastodon is the last word and outranks all predecessors. It is of immense size, an almost incredible cropper, of choice quality, and the strongest grower yet developed. More productive than most June bearers, its fall pickings are sufficient from but a few plants, and very profitable.

MASTODON PRICES

BY MAIL—
Postpaid:
25 for \$0.85
50 for 1.30
100 for 2.00

STRAWBERRY PRICES	
STANDARD VARIETIES	BY EXPRESS
By Mail,	not prepaid:
Postpaid:	25 for \$0.50
25 for \$0.70	50 for .70
50 for 1.00	100 for 1.10
100 for 1.50	500 for 3.75
	1000 for 6.50

BY EXPRESS—
25 for \$0.65
50 for 1.00
100 for 1.60
500 for 6.50
1000 for 12.00

THE BEST STANDARD VARIETIES

Big Joe (M). A catchy berry for local market-stands, so large, red and fresh looking beneath its conspicuous green cap. Of really choice flavor; productive, vigorous and healthy, in most any soil.

Blakemore (E). Originated and recommended by the U. S. Department of Agriculture. Berries bluntly conic, good market size; rarely white-tipped, with solid center, small seeds, firm flesh, tough skin. Excellent flavor, aromatic, acid, with high pectin or gelatinizing content. The color is glossy light red developing quite evenly on both upper and lower sides, only slightly changed by holding or canning—a remarkable superiority added to all other choice preserving qualities. The vines are extra vigorous, productive, preferring the heavier types of soil.

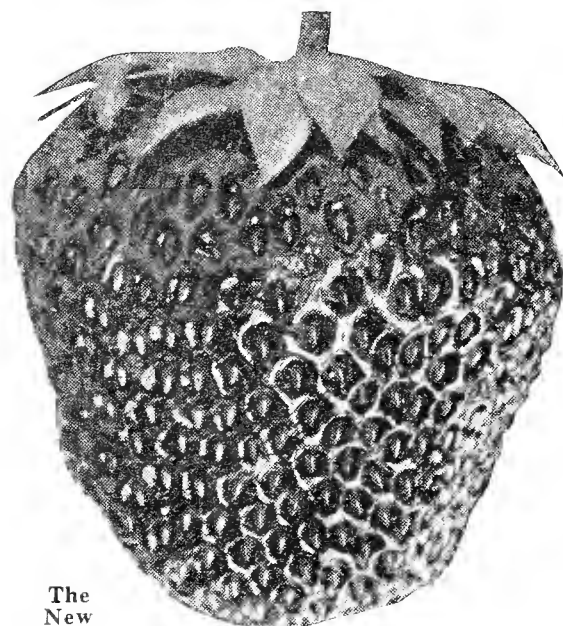
Gibson (M). Strong grower with long roots and abundant foliage, exceedingly productive. Berries extra large, choice flavored, dark glossy red clear through; follows Premier.

Glen Mary (LM). Berries large to very large, often flattened, bright deep red on surface, light red to center, sweet, rich, good flavor.

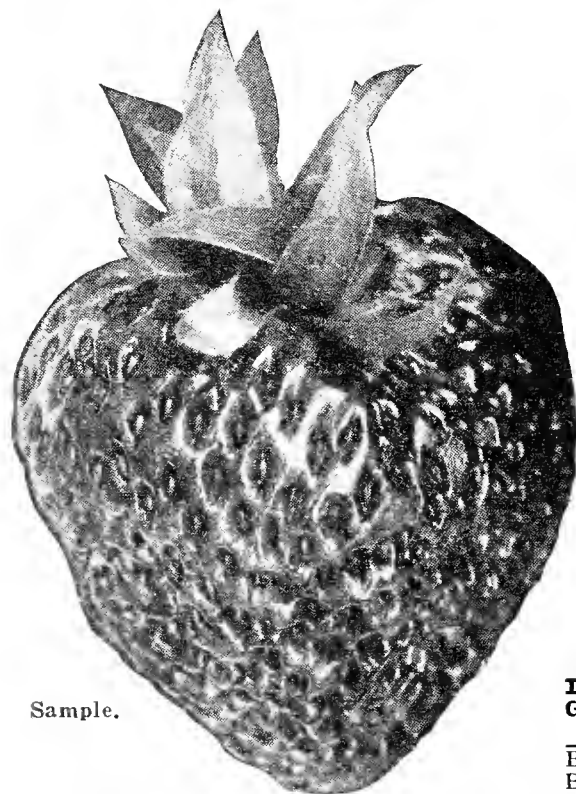
Sample (Imperfect) (L). A standard late sort for both home and market. Large dark-colored berries in profusion, of uniform size. Should be planted with a "perfect" companion; never alone.

Senator Dunlap (E). Rampant runner, should be restricted in production of plants. Fruit good size, beautiful bright red, glossy; firm, splendid keeper and shipper, excellent quality.

Wm. Belt. (M). Vigorous, thrifty, heavy plant, producing large crops under good common matted row culture. Berries extra large, conical, quite uniform in shape, brilliant glossy red.



The New Blakemore.



Sample.

Asparagus

Nothing that comes out of the home garden is so much appreciated, as the tender tips and fresh stalks of Asparagus. A small bed of them kept weed-free, or a border along the garden edge, will supply the average table for 6 weeks or more in late spring.

In planting, make soil rich; dig trench, set 12 to 18 inches apart, roots spread out, crown 2 inches below surface; and tamp in returned soil firmly.

Price of Asparagus:	50	100	1000
By Express—1 year	\$1.00	\$1.75	\$10.00
By Mail—1 year	1.35	2.25	

Washington Pedigreed. A new rust-resistant Asparagus. For the home or market, it stands ahead of all others in size, vigor, tenderness, quality and rust-resistance.

RHUBARB or PIEPLANT

Linnaeus. Large, early, tender, the old reliable.
Giant Victoria. A newer variety.

Prices:	3	10	100
By Express	\$0.50	\$1.25	\$7.00
By Mail .....	.75	1.75	



Thank you for studying our catalog. We shall cordially appreciate your orders.



PLEASE WRITE ORDERS FOR SEEDS ON OTHER SIDE OF THIS SHEET.

New! Truehedge Columnberry

Protected against unlicensed propagation by U. S. Plant Patent No. 110. A new Barberry—vertical, compact, roundly columnar, vigorous, healthy, dense, beautiful. This makes you A READY-MADE HEDGE almost at once!



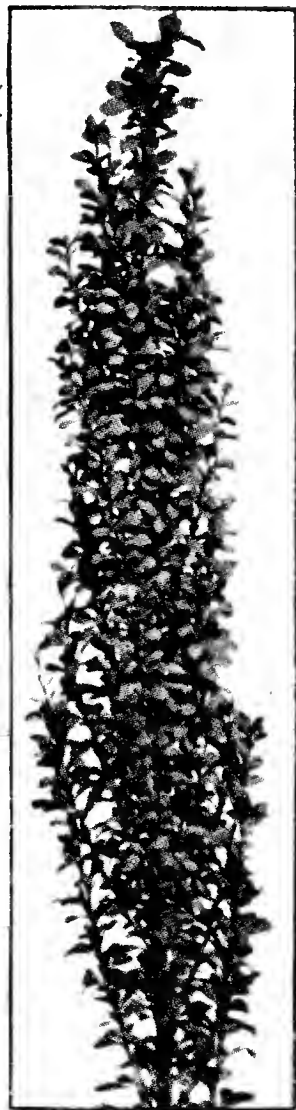
Note Symmetrical Hedge-Shape in Field of Plants.

Instead of the expensive and laborious former process of creating and maintaining a formal hedge with common Japanese Barberry, this new pyramidal type is characteristically upright in form, of uniform density, rich foliated to the ground. No pruning needed to keep a formal face and height. No sacrificing of leaves and beauty; no fear of loss. Often mistaken for Boxwood, TRUEHEDGE is valuable for refined lawn specimens and for rockery.

PRICES OF TRUEHEDGE COLUMNBERRY

By Express.			By Express.		
Size	10	100	Size	10	100
9-12 in.	\$3.00	\$25.00	15-18 in.	\$5.00	\$45.00
12-15 in.	4.00	35.00	18-24 in.	7.00	60.00

Typical Plant of Columnberry.



Vertical, Compact Branch Character.

Berberis Mentorensis Evergreen Barberry



Showing Natural, Erect Form—
A Field View of Plants.

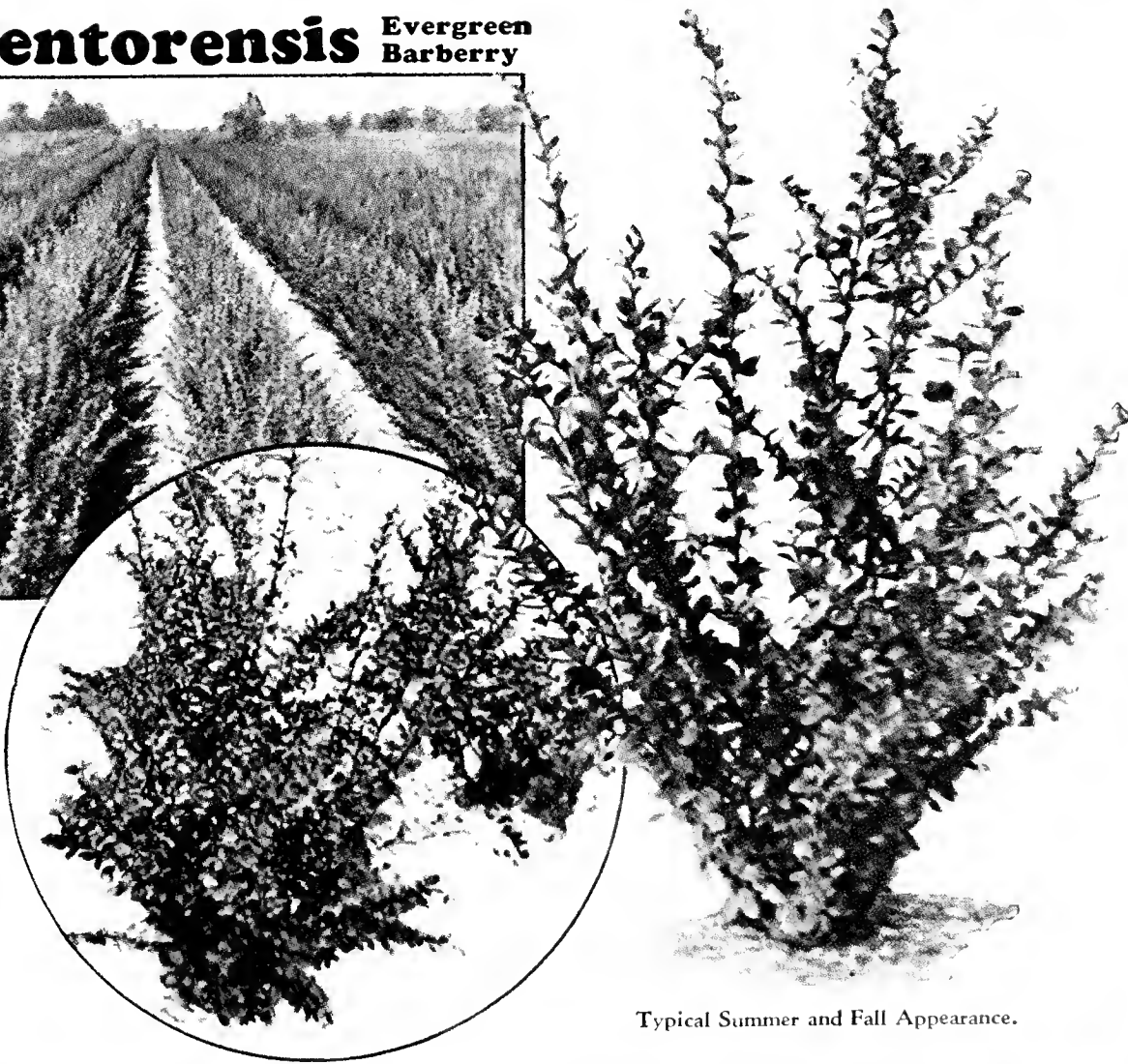
U. S. PLANT PATENT No. 99

This fine new Barberry is practically EVERGREEN. Summer and early winter, rounded leaves are deep, lustrous green; January to April they are coppery bronze against the mantling snow; then almost overnight, the old leaves fall, and rich, fresh green breaks forth anew.

PRICE OF 18-24 in. PLANTS

Each	3	12	100
\$0.75	\$2.00	\$6.00	\$45.00

By express, collect.



Typical Summer and Fall Appearance.

Holds Its Foliage Throughout Winter.

Fancy New Trees and Shrubs Collection Offer

New Butterfly Bush
A—ILE de FRANCE
2-year 65c

New Blue Hydrangea
B—NIKKO BLUE
(Including pkt. alum)
From pots 50c

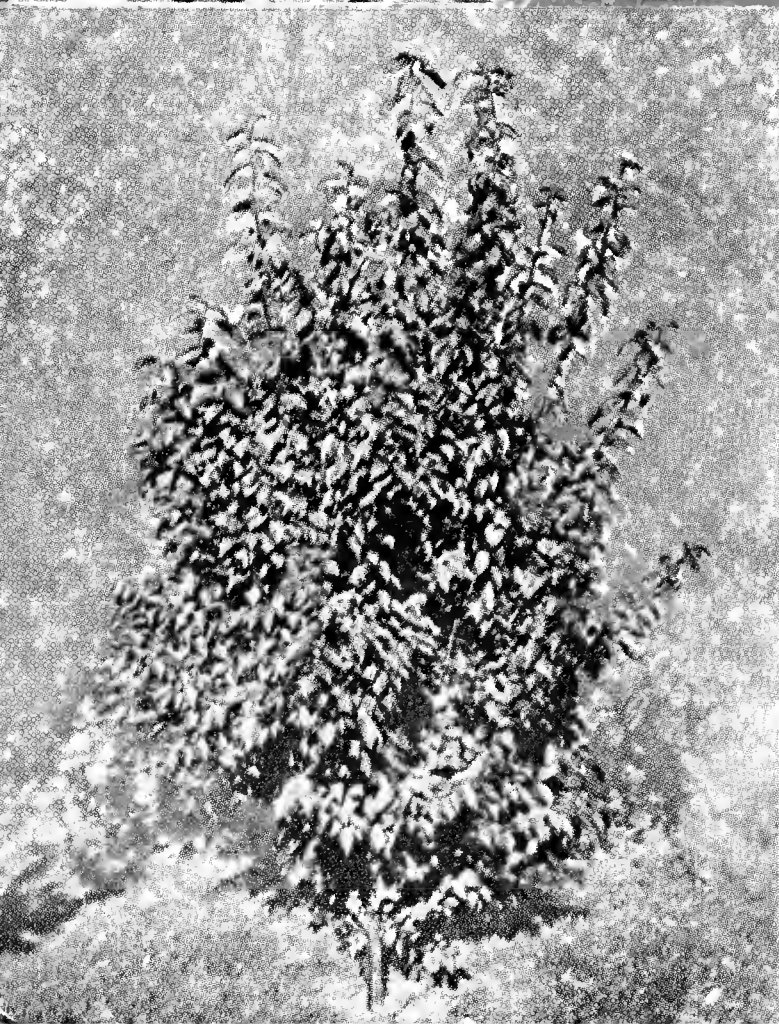
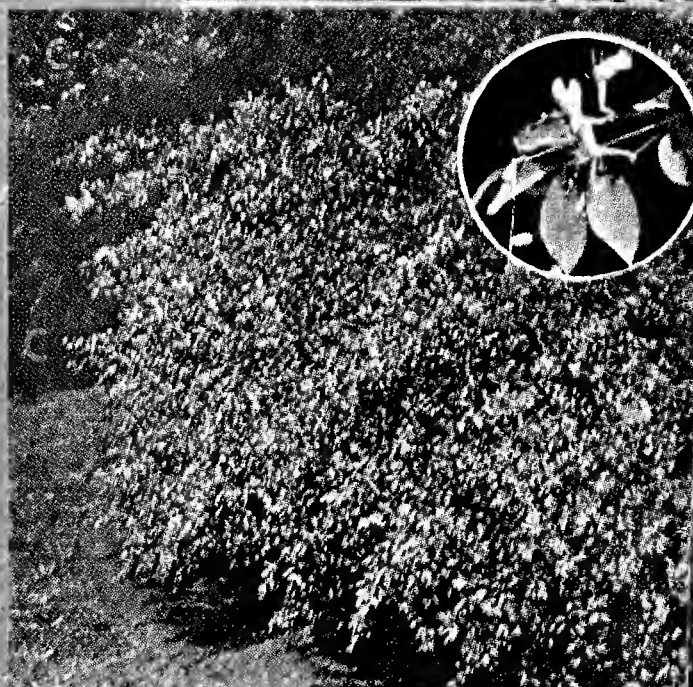
C—BLUE-LEAF
HONEYSUCKLE
1½ to 2 ft. 40c

D—New Chaste Tree
VITEX macrophylla
1½ to 2 ft. 50c

New Purple-Leaf Plum
E—PRUNUS CISTENA
2 to 3 ft. 60c

F—BECHTEL'S
FLOWERING CRAB
2 to 3 ft. 60c

THE SET \$2.75
One Each—By
Express Collect



The Storrs & Harrison Co.
"Painesville Nurseries"
PAINESVILLE, OHIO

Conclusion of Spring Catalog
for 1935